THE CHEMIST AND DRUGGIST

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Cinchonidine and Salts
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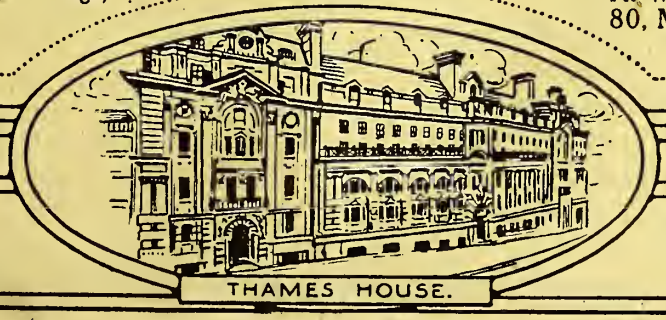

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Mr. HARRY PILCER, the well-known dancer, writes: used Reudel to stop rheumatic pains and stiffness, also A to clear the uric acid out of my blood. In one week I was abl walk without discomfort, and commence practising my dances again. In three weeks my serious rheumatic attack was completely and permanently cured."

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Harry Lauder

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le. GABY DESLYS, the famous Parisian artiste, writes: "I d that a handful of Reudel Bath Saltrates dissolved in the ba makes the water—Oh! so fragrant, refreshing and in- vi ating! A teaspoonful in a foothath quickly fills the water w oxygen. When the feet are tired, aching or calloused fr walk- in sports or dancing, t se and ex worse fo troubles sc disap- pe"

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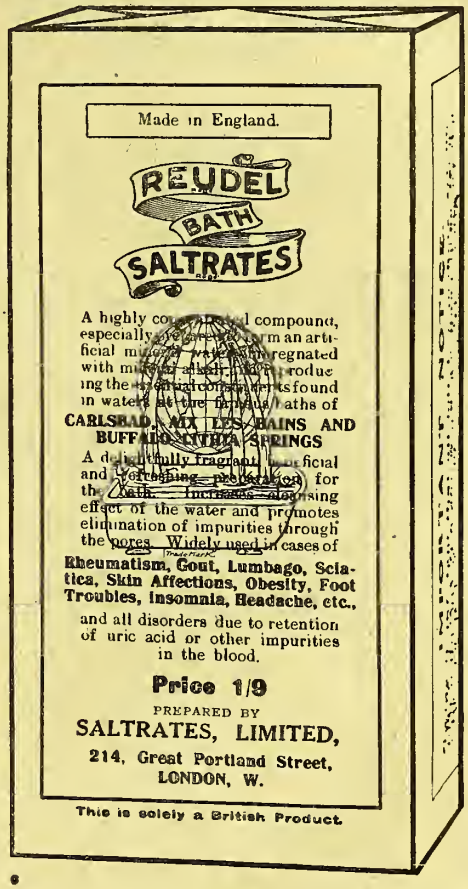

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So perfectly does Calox meet the requirements of dental and oral hygiene that it enjoys the wide approval of eminent dental practitioners and the repeated recognition of the scientific press.

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Australian Depot—Messrs. GEORGE WILLS & CO., Ltd., Adelaide, Melbourne, Sydney, Brisbane and Perth.
New Zealand Depot—KEMPTHORNE, PROSSER & CO.'S NEW ZEALAND DRUG CO., Ltd., Dunedin, Christchurch, Wellington and Auckland.
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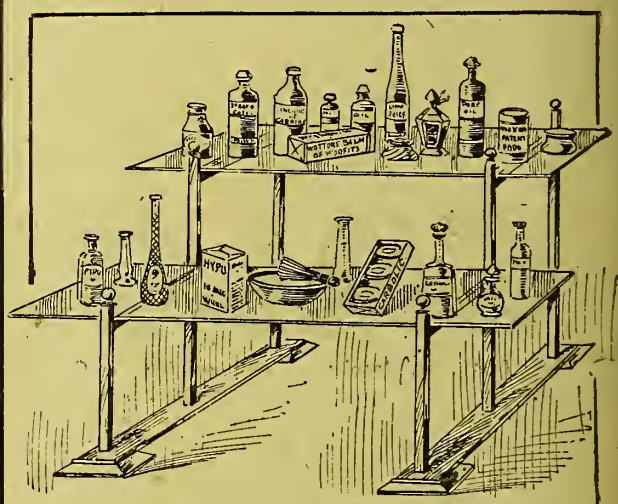

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UNITED DRUG COMPANY

Rexall
TRADE MARK

Extracts from President Liggett's Annual Report.

The present United Drug Company, with which the Riker-Hegeman Company is incorporated, began business on February 4, 1916, and this statement covers the operations for the eleven months ending December 31, 1916.

The sales are larger than was expected, amounting to $33,404,866.05, or at the rate of more than $36,000,000 per year.

The profit also is greater than was expected. The operating profit was $3,070,480.52 — 9% on the sales.

After deducting taxes, depreciation of machinery and equipment, etc., the Company produced a net profit of $2,631,236.55, equal to 8% on the sales.

From these net profits the extraordinary amount of $616,427.03 has been written off. This amount embraces extraordinary taxes, legal expenses, etc., due wholly to the consolidation, and includes a $300,000 depreciation in merchandise, which has nothing whatever to do with the current expenses of the business—and this is not to be expected in subsequent periods. The management has considered it prudent to write off these extraordinary amounts in the first eleven months rather than to pro-rate them over a longer period of time.

The marked improvement in the balance sheet is self-evident. In the last six months notes payable have been reduced by $2,398,000, and cash balances increased by $400,000. The new buildings have been practically completed, and these show an increased investment of $398,500.

After paying all first and second preferred dividends, as well as dividends on stocks of subsidiary companies outstanding, there remains a surplus of $1,410,456.18. This surplus is all available for dividends, since the reserves are carried separately. It will be noticed that such reserves are $1,505,000 additional, or 33% of the amount invested in improvements to leaseholds, furniture, store fixtures and machinery, to which they apply.

These results are highly gratifying to the management, because the task at the beginning of the year was not a task of making immediate profits, but primarily of putting together two large companies, each having a manufacturing and retail business, and, of course, separate organisations.

During this period, the consolidation of the manufacturing business of the two companies has been accomplished, one organisation made of it, all the expenses of doing so written off, and at the same time the business has been increased 40% over the corresponding period of last year, before the consolidation.

The retail businesses have also been consolidated, and made into one organisation, and all expense connected with this has been written off. Duplicate stores and warehouses have been eliminated, and thirteen new stores have been opened. This has been the greater task of the two, and an increased volume was not looked for during the period, but the retail business has actually increased by $880,000, bringing the total for the eleven months up to $20,329,494. The Company is now operating 151 Liggett-Riker-Hegeman Stores.

The Company has not engaged in any war supply business.

The aim has been, and still is, to manufacture and offer to the public, through our designated channels, standard family requisites, which are not much affected by temporary depression or enthusiasm in business, with the possible exception of candy and perfumes, so that it is expected under normal conditions to proceed with a healthy growth. In the event of war conditions arising, our manufacturing equipment is adaptable to the production of war supplies.

With the details of the reorganisation completed, it is now possible to lay plans for the coming year, for the development of volume, and to secure the additional benefits of the economies effected.

These particulars indicate that there is every reason for the Shareholders to look forward with confidence to the increasing value of their Company.

HEAD OFFICE : BOSTON, MASS., U.S.A. BRANCHES : LIVERPOOL, TORONTO, CHICAGO, ST. LOUIS, SAN FRANCISCO

the STAR
and the
MORTAR

labels are now available for Compressed Tablets. Printed Cartons of classic design are supplied without extra charge in the 50 and 100 sizes, but an extra charge of 3d. per dozen is made in the case of 25's.

Here are a few prices taken at random:

	Per Dozen Bottles of						Per	
	25		50		100		1000	
	s.	d.	s.	d.	s.	d.	s.	d.
ASPIRIN	6	0	11	0	20	9	15	0
ANTI-CONSTIPATION, P.J.F. 8356	3	0	4	10	8	6	5	0
BISMUTHATED MAGNESIA, with Mint	3	9	6	6	11	9	7	6
CASCARA EXTRACT, 2-grain	2	6	4	0	6	9	3	6
DYSPEPSIA	4	6	8	6	15	6	12	0
EASTON SYRUP, 1 dr.	5	3	9	6	17	9	12	6
HEADACHE, P J.F. 545	4	3	7	3	13	6	9	0
WATER STERILISING	5	0	7	6	14	6	9	6

NAME and ADDRESS on 3 dozen, and we pay carriage on assorted Packed Goods, Drugs and Sundries to the value of 50/- to any part of Gt. Britain and Ireland.

AYRTON, SAUNDERS & CO., Ltd.
Wholesale Druggists LIVERPOOL

SCIENTIA B&B Co. DILIGENTIA

No. 7 PARAFFIN

AS SUPPLIED TO

THE

Army Medical Department, WAR OFFICE.

The Approved Treatment for

BURNS, SCALDS, ULCERS, &c.

Supplied in cakes of 8 ozs.

Manufactured in the Laboratories of

Burgoyne, Burbidges & Co.

Manufacturing Chemists, LTD.

EAST HAM——————LONDON, E.

Telegrams: "Zotalene, 'Phone, LONDON."
Telephone: EAST HAM 686 (four lines).

"FARRISOL"

ENGLISH MADE

WHITE MEDICINAL OIL, B.P.

(PARAFFINUM LIQUIDUM, from Pure Russian Oils).

Guaranteed to exactly conform to B.P. tests.

RECOMMENDED AND ADOPTED BY THE HIGHEST MEDICAL AUTHORITIES.
ABSOLUTELY ODOURLESS AND TASTELESS.

Consumers should insist upon a thorough test, as there are so-called white oils on the market which lack the pure ingredients and the special treatment absolutely essential to produce the B.P. article. By purchasing from Charles Farris you secure the guarantee of an old-established House and complete satisfaction. Samples and prices for comparison free on application.

Large Stocks always Ready for Immediate Delivery.

Bees Wax, Spermaceti, Paraffin Wax, Candles, Olive Oil Soap, Pure Olive Oil, Lubricating Oils. Insulating Fluid and Wax.
Special Refiner of Oils for the fine Clockwork of Telegraphic Instruments. OIL REFINER TO H.M. GOVERNMENT.

The only actual Manufacturing Wax Chandler in the City of London.

CHARLES FARRIS, 71 BISHOPSGATE, LONDON, E.C.

Works—HELMET COURT, BISHOPSGATE, E.C.

Warehouses & Stores—91 & 93 BISHOPSGATE, and 12 WORMWOOD ST., E.C.

Telephones: LONDON WALL, 9397 and 9398. Telegrams: "WAXINESS, LED, LONDON."

TIN FOIL

BRITISH MAKE

Highly polished foils—printed, lacquered, embossed or plain. Guaranteed free from lead for tobacco, cigarettes, foodstuffs, etc. In sheets or reels—large or small quantities

Also collapsible tubes in pure tin, pure lead or lead-coated with tin for rubber solution, artists' colours, tooth pastes and other toilet preparations.

SHAVING STICK CASES. SCREW-CAPS, ETC

Venesta Ltd

1, GREAT TOWER ST.

LONDON

TELEPHONE. CITY 7 PRIVATE BRANCH EXCHANGE. TELEGRAMS ELEVEN CENT LONDON

Maw's Page

S. MAW SON & SONS (G.P.O. BOX No 54) 7-12 ALDERSGATE ST LONDON EC

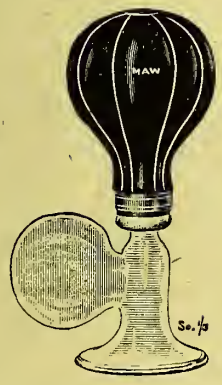
NUMBER 292 MAY 19, 1917

CABLES ELEVEN LONDON CODE A B C 4TH & 5TH EDITION

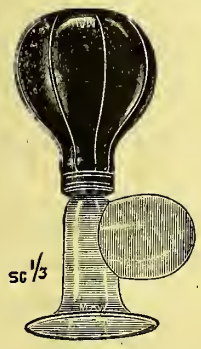
C. TRENTHAM MAW, J.P. HENRY T. MAW, M.D. MOWBRAY T. MAW. ARTHUR T. MAW, PH.C.

MAW'S FAMOUS BREAST RELIEVERS

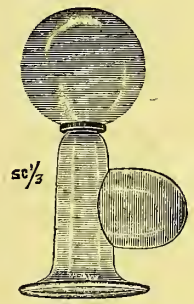
Here are some extra good value lines—which will be found suitable for all classes of customers.



B728/B
SUPERIOR QUALITY.
Green bulb. Each in box complete.
2 oz. 4 oz.
29/- doz. 37/- doz.
USUAL DISCOUNT.



B729/B
THE POPULAR LINE.
Black bulb. Each in box complete.
2 oz. 4 oz.
23/- doz. 33/- doz.
USUAL DISCOUNT.



B730/B
A CHEAP LINE.
Red bulb, one size only. Each in box complete.
2 oz.
18/6 doz.
USUAL DISCOUNT.

A Hint.

The problem of producing a remedy for baldness, like the invention of perpetual motion, has formed a fascinating task for learned men for many generations. The absolute prevention of falling hair—one of the results of our age of worry and consequent ill-health—may one day be accomplished.

. . .

Baldness was a trouble not overlooked by the old-time apothecary. We have the affidavit of an ancient writer that the "juice of onyons anoynted on the bald head in the sun bringeth the haire again very speedilie."

For many years cantharides has proved an effective check upon falling hair; and in the preparation which we have recently placed upon the market, this drug, combined with jaborandi, forms a good lotion for regular application to the scalp and the consequent rejuvenation of weak follicles.

. . .

The production in question, Maw's Hair Tonic, has been put up in dainty sprinkler-top bottles of unusual shape, as we fully recognise the selling value of lines being put up in an attractive manner.

We make no extravagant claims for Maw's Hair Tonic, preferring that its merits should be tested by customers who require a remedy for weak hair. Maw's Hair Tonic forms a delightful dressing, and when gently massaged into the scalp with the tips of the fingers or a sponge will improve the appearance and health of the hair to a marked degree.

As we stated above, Maw's Hair Tonic is a recent addition to our long series of preparations, and one that is becoming increasingly popular with a wide circle of our customers. The price is 12/6 dozen bottles, and the retail price 1/9 a bottle. It is becoming a popular line.

Capsule

Petroleum Jelly

White, Yellow, Amber, & Ruby Red, for all Pharmaceutical and Veterinary purposes

MEADE-KING, ROBINSON & CO.
LIVERPOOL - - - MANCHESTER

LOFTHOUSE & SALTMER, Ltd.

Wholesale & Export Drug Merchants,
Manufacturing Chemists

HULL

INVITE the Trade to take up the following valuable P.A.T.A. Protected Lines, bearing a large Protected Retail Profit, which sell freely and are well known and valued by the Public in many parts of the country.

	P.A.T.A. Protected Retail Price.	Dozen Net.
*LOSALL'S SALT (well advertised), tins	7½d.	5/6
* - - - - - -	1/2	10/-
* - - - - bottles in cartons	1/6	12/-

Losall's Salt sells so well, surely it must pay Pharmacists to stock such a large profit-bearing protected line.

LOSALL'S COMPOUND SULPHUR SOAP.

A valuable emollient medicated skin soap, especially suitable for use in Eczema 13/6 per dozen boxes net.

Chemists requiring effective advertising matter for Losall's Salt, &c., will, on application direct to Lofthouse & Saltmer, receive a liberal supply of Dummies, Showcards, Window Slips, Price Tickets, &c., Carriage Paid, whether or no they have an account open with the Firm.

Salvo Petrolia

the perfection of Petroleum Jelly

in qualities, white, lemon, yellow and golden, for pharmaceutical purposes.

MANUFACTURED SOLELY BY

The Dee Oil Company, Ltd.

Delta Works . Bootle . Liverpool.

Packed in barrels, kegs, and smaller packages according to requirements.

Inquiries are solicited for this article of **BRITISH MANUFACTURE,** and buyers may rely that for quality and price it will meet any competition.

Other Grades

Petroleum Jellies, White Bases, &c.

Samples and prices on application.

"**OLEUM DEELINÆ,**" a certain cure for Eczema.

'Phone: 186 Bootle. Wires: "Cestrian Liverpool."

Established in the Reign of King William the Fourth

Midgleys Manchester

TELEPHONE: 7665 & 7666 CITY. REGD. OFFICE: 5 MAYES STREET. TELEGRAMS: "MEDICATED MANCHESTER."

Chemists and Druggists

at home and abroad, would, we venture to suggest, do well to secure for themselves particulars of the Special Agency scheme which we have inaugurated in this country; the success of which encourages us to extend its scope to Overseas. The exceptionally good terms are given to one Chemist only in each town or district, whilst our carefully devised "selling helps" direct sales to him. We will gladly send you Samples with Price List and particulars on hearing from you.

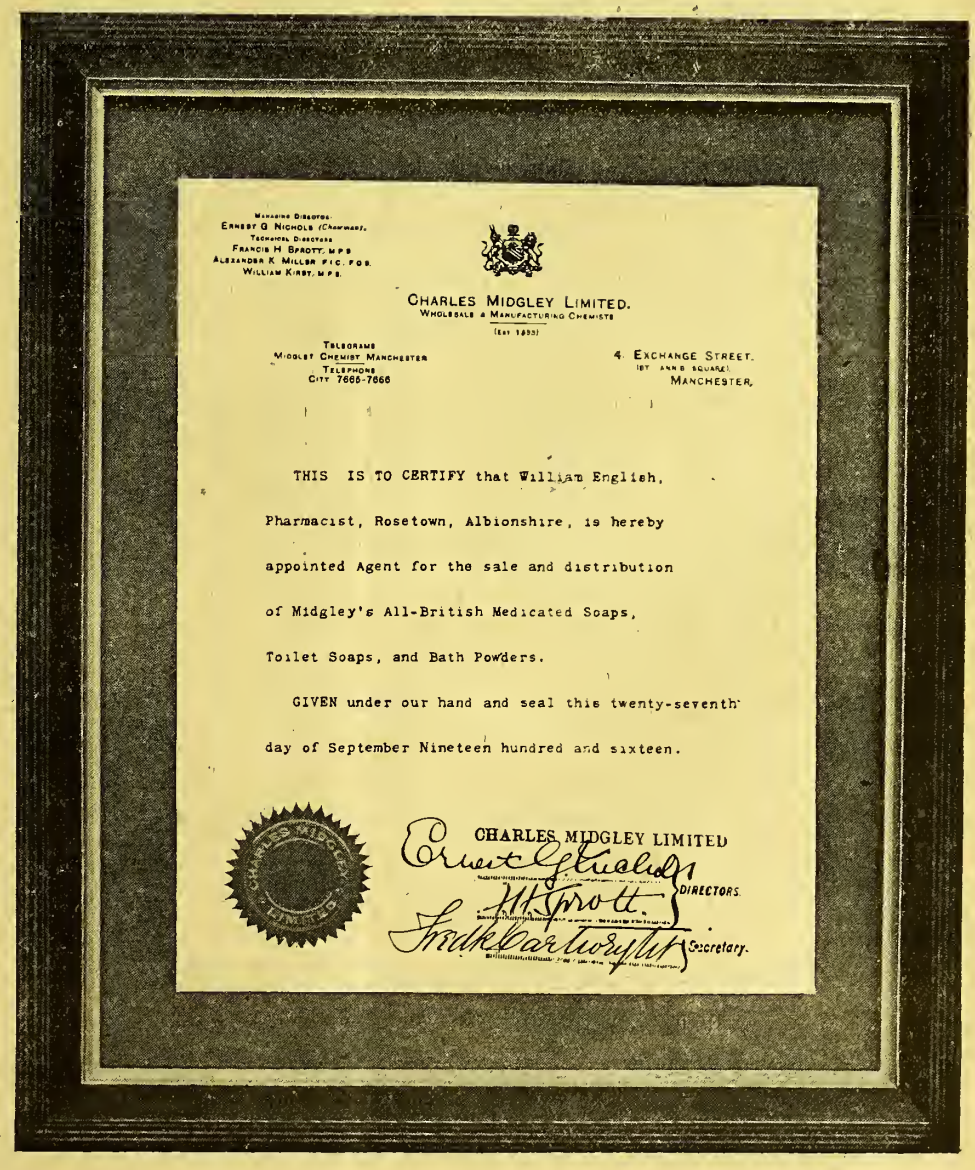
Reputations.

In the stirring times through which we are passing, many reputations are being made, for good or ill, which shall not be effaced for many decades and generations.

In a far higher degree than in the case of other traders, *reputation* to the Pharmacist means *everything*. The public look to him for guidance in selection, and, great and potent a factor though advertising be, the popular Pharmacist has at his command a tremendous wealth of influence if his reputation is of the right sort.

Herein is shown in reduced facsimile Certificate of Agency indicating the Pharmacist-Agent for Midgleys' All-British Soaps, the first essentials of which are purity and superexcellence of quality.

Cement your reputation by eschewing that which is less than the best, and cultivate a name for Purity in Soaps.



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TECHNICAL DIRECTORS: FRANCIS H. SPRATT, M.P.S. ALEXANDER K. MILLER, F.I.C., F.C.S. WILLIAM KIRBY, M.P.S.

CHARLES MIDGLEY LIMITED.
WHOLESALE & MANUFACTURING CHEMISTS
(EST. 1833)

TELEGRAMS: MIDGLEY CHEMIST MANCHESTER
TELEPHONE: CITY 7665-7666

4, EXCHANGE STREET, (BY ANNE SQUARE) MANCHESTER.

THIS IS TO CERTIFY that William English, Pharmacist, Rosetown, Albionshire, is hereby appointed Agent for the sale and distribution of Midgley's All-British Medicated Soaps, Toilet Soaps, and Bath Powders.

GIVEN under our hand and seal this twenty-seventh day of September Nineteen hundred and sixteen.

CHARLES MIDGLEY LIMITED
DIRECTORS.
Secretary.

PAPIER POUDRÉ

AND "POPPŒA" PREPARATIONS.

TRADE MARKS

"LEHCARESOR."

Papier Poudré

BRITISH MADE GOODS

STOCK
SUNBURN TINT
6d. & 1s. sizes

REGISTERED

PAPIER POUDRÉ, LTD.
20 Baker St., Portman Sq. London, W.
and in Paris.

NOTE OUR TRADE MARKS, AS ABOVE.

PAPIER POUDRÉ.

IN WHITE, ROSE, or RACHEL TINTS, 3d., 4½d., 6d., and 1/- size Booklets.
2/-, 2/6, 3/9 and 7/6 per doz. net respectively.
SUNBURN TINT, 6d. and 1/- sizes, only 3/9 and 7/6 per dozen net.

NEAT 1/- MIRROR CASES, containing pads of PAPIER POUDRÉ	7/6	per doz.
REFILLS to these MIRROR CASES	2/-	"
SMALL SIZE, DOUBLE LEAVES, for purse or glove	1/3	"
6d. SHAVING PADS (unscented, white only)	3/9	"

THE ALL-BRITISH "POPPŒA" PREPARATIONS.

"Poppœa" REGISTERED TRADE MARK ROUGE is most popular. It is put up in most convenient form, and is Nature's Understudy.

IN PADS, 3d., 6d., and 1/- each.
2/-, 4/-, and 8/- per doz. respectively.

IN MIRROR CASES, 1/- each, 8/- per doz.
Refills, 2/8 per doz.

"POPPŒA" MASSOLINE SKIN FOOD, in Jars 9/6 and 28/- per dozen.
"POPPŒA" CREME POUDRE, in Bottles, 9/- and 26/- per dozen.

PAPIER POUDRÉ, Ltd., 20 BAKER STREET, PORTMAN SQUARE, LONDON, W.1.

"YADIL" ANTISEPTIC

Complete Internal and External Antisepsis.

WE have recently perfected an antiseptic of unique properties, for which we have registered the name **"YADIL"** in the principal countries of the world.

This antiseptic is characterised by the fact that, although much more powerful than phenol, it can be taken internally without the slightest risk to the most delicate tissue and membrane, realising at last complete internal and external antisepsis.

Its other characteristics are the following :—

Non-toxic, non-caustic. Contains no copper, mercury, arsenic, ether, alcohol, phenol or cresol. Does not coagulate albumen. Does not modify hæmoglobin. Increases the activity of the phagocytes. Is intensely diffusive and possesses powerful cell-proliferant properties. Does not stain nor deteriorate. Is fully miscible with water and has strong deodorising powers. Can be used freely internally and externally in all cases of micro-organic infection.

"YADIL" is not advertised to the public, but is being made known to the medical profession as fast as possible. Remarkable successes have been obtained in hospital practice, and from hospitals the use of **"YADIL"** is spreading to the Medical profession. The number of prescriptions for **"YADIL"** is increasing rapidly, not only in London, but all over the Kingdom.

We make this announcement in order that Chemists called upon to fill prescriptions for **"YADIL"** may know where to obtain it. Orders should be placed through wholesale firms.

Sizes - - -	**2 oz.**	**6 oz.**	**20 oz.**	**40 oz.**
Retail Prices -	**1/6**	**3/-**	**8/9**	**16/-**

Sole Proprietors and Manufacturers :

CLEMENT & JOHNSON, 19 SICILIAN AVENUE, LONDON, W.C. 1.

"TETRA" CRÊPE BANDAGES

The Crêpe that can be Boiled.

We remind Chemists and Druggists that we supply, free of charge, **"TETRA" Crêpe Bandages** sealed at both ends with seals bearing their name and address, on all orders for 3 dozen or more, assorted sizes. Orders must be placed through wholesale firms. Hundreds of Chemists, in all parts of England, Scotland, Ireland and Wales are taking advantage of our offer of free seals. Handsome Showcards, for counter and window, supplied.

"TETRA" Crêpe Bandages are made in 10 widths, ranging from 2 in. to 12 in., all of which are always carried in stock. There is no delay whatever in filling orders for **"TETRA" Crêpe Bandages,** which can always be supplied by return of post through Wholesale Houses.

Sole Distributors for the British Empire of all "Tetra" Specialities (through Wholesale Houses only):

CLEMENT & JOHNSON, 19 SICILIAN AVENUE, LONDON, W.C.1.

"ERASMIC" "PEERLESS" & "ELITE" TOILET SOAPS

Please note the retail price is now

4½d. per tablet

1/1½d. per box

ERASMIC, PERFUMERS, WARRINGTON

A powerful antiseptic and deodorant.

"PETAL DUST" REGD.

The greatest of all floral air-purifiers.

A concentrated combination of the choicest flowers, aromatic herbs and roots, with the rare spices and gums of Arabia. "PETAL DUST" has been the favourite perfume of all classes for over half a century and still commands the largest sale of any dried perfume in the world.

Retails in 3d. and 6d. packets

Attractive Showcards, Counter Bills, etc., with customer's name and address on each packet, for orders of 5 gross and upwards.

SOLE PROPRIETORS—

THE ROSMARINE MANUFACTURING COMPANY,

STAMFORD STREET, LONDON, S.E.

CITY DEPOT: H. C. QUELCH & CO., LUDGATE SQUARE, LONDON, E.C.

ANTISEPTIC BABY POWDER

MANUFACTURED BY

Johnson & Johnson.

We wish to warn our Customers, so that they may be on their guard, that our package is being imitated. This step, which is so easy, is an undignified and shabby attempt to rob us of our goodwill.

WARNING.

The contents cannot be imitated, and the Trade Mark cannot be imitated; and we would ask those Customers who have handled this preparation for a quarter of a century, with every satisfaction to themselves and to their clients, to resent this method of copying other firms' productions by insisting on having the original package bearing the registered Trade Mark, which is the guarantee of quality.

Look for the Name and Trade Mark

JOHN TIMPSON & CO., Ltd.,
104 Golden Lane,
LONDON, E.C.

MAGNUS, MABEE & REYNARD, Inc.

257 Pearl Street,
New York City, U.S.A.

Cable Address—"MAGLAUR."

Importers and Manufacturers.

ESSENTIAL OILS, VANILLA BEANS, DRUGS & CHEMICALS.

We offer for sale—

Oil Peppermint, American
,, Spearmint
,, Birch (Wintergreen)
,, Wintergreen Leaf
,, Cedarwood
,, Limes, Distilled
,, ,, H.P.
Oil Sassafras, Natural
,, ,, Artificial
,, Wormseed, Baltimore
,, Wormwood, American
,, Sandalwood, W.I.
Balsam Tolu
,, Copaiba
,, Peru

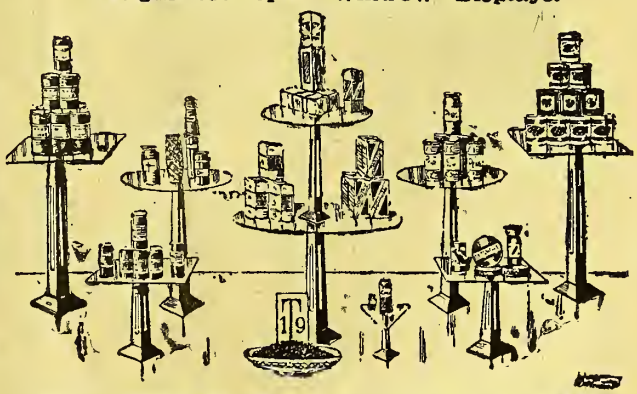
We solicit correspondence relating to the purchase or sale of any article used in the Drug, Perfumery or Soap Trades.

W. DAVIS
100 WOOD ST., E.C. 2.
'Phone: City 8220
for OPEN WINDOW DISPLAYS

SHOPFITTERS & SUNDRIES — DECORATIVE & NEEDFUL

W. DAVIS
100 WOOD ST., E.C. 2.
'Phone: City 8220
for OPEN WINDOW DISPLAYS

Write for our List, showing many New Designs for open Window Displays.



No. 117. Window Set, consisting of 2 27 in., 1 24 in., 2 18 in., 3 12 in., 2 9 in. polished oak pedestals; 2 18 in. by 12 in. plates, oblong; 2 18 in. by 12 in. oval; 1 16 in. by 10 in. oval; 1 24 in. by 18 in., 2 16 in. by 10 in. oblong; 2 12 in. by 12 in. angle plates.

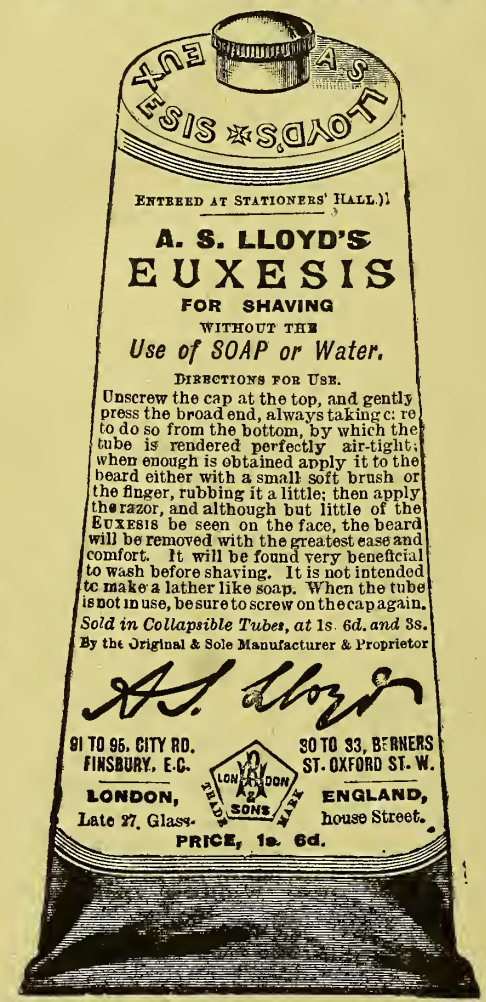
71/- Complete.

Our WINDOW PAPERS are 2/9 per roll of 12 yards, 21 in. wide. WRITE FOR SAMPLES.

A. S. LLOYD'S EUXESIS

(THE GENUINE.)

For Shaving without Soap, Water or Brush.



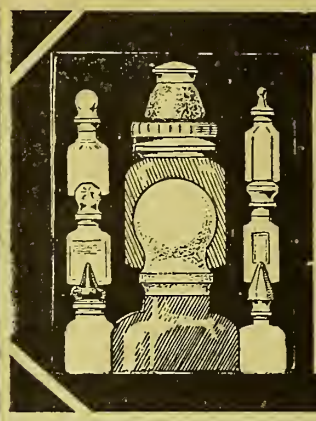
Sold by all Perfumers and Chemists throughout the World.

R. HOVENDEN & SONS having purchased, under an administration suit, the Business of the late A. S. LLOYD, with the Receipt, Trade-mark, and Goodwill of the celebrated Euxesis, the **Trade are cautioned** that the original and genuine Euxesis is now manufactured at our Factory ONLY, and may be obtained at either of our Warehouses at the following prices;

10/- *per dozen;* **9/9** *by the* 6 *dozen.*
Retails at **1/6** *the Tube;* **3/-** *size to order.*

NOTICE.—THE GENUINE A. S. LLOYD'S EUXESIS bears a label printed in BLACK only on a Yellow ground, with our Trade Mark at the bottom, as Illustration.

Proprietors: R. HOVENDEN & SONS, LTD.,
LONDON: 29-33 Berners Street, W.; and 89-95 City Road, E.C.



STRANGE as it may seem, any shape of cork, sprinkler or stopper is capped as neatly & effectively with a

SEMREH

SELF-FIXING **BOTTLE CAP** as a round stopper. Let us post you a full explanation.

THE VISCOSE Development Co., Ld., BROMLEY, KENT.

F. M. RUDD, Bronson, MICHIGAN, U.S.A

GENUINE AMERICAN PEPPERMINT OIL

"Columbia" Natural
"Diamond White"
Re-distilled.

Finest qualities for Druggists, Distillers and Confectioners.

Sole Consignees in United Kingdom—
R. W. GREEFF & CO.
Thames House,
Queen St. Place, LONDON, E.C.

8d.

Make your old Hat a new one.

In bottles, 8d. each, in separate neat cartons, with suitable brush.

These Dyes are a distinct invention, dyeing the straw without an objectionable varnished appearance, and producing the effect of new goods.

NO GLOSS. NO POLISH.
On the P.A.T.A.

WRITE FOR TERMS, PATTERNS, ALSO LEAFLET OF TESTIMONIALS.

"Luton" HAT DYE

WHITAKER & CO., COLOUR WORKS, KENDAL, ENG.
London Depot; 60-62 Clerkenwell Road, E.C.
"Glossy" Series supplied if desired.
Special Non-Inflammable Series for Export. *Est. 1878*
Telegraphic Address: "Dullette Kendal." Telephone: No. 214.

A. S. LLOYD'S EUXESIS.

For Shaving without Soap, Water, or Brush.

CAUTION.

The Labels on GENUINE EUXESIS bear two signatures—
A. S. Lloyd in Black Ink, and that of his Widow,
Aimée Lloyd, in RED. Refuse any other.

Sole Manufacturers and Proprietors: **AIMÉE LLOYD & CO.**

23 PANTON STREET (formerly named Spur Street),
HAYMARKET, LONDON, S.W.

N.B.—When ordering from Wholesale Houses write LLOYD'S EUXESIS (WIDOW'S).

RADIUM *v.* GREY HAIR.

THE CAVENDISH CARADIUM HAIR RESTORER

(NOT A DYE.) THE FINEST HAIR RESTORER IN THE WORLD.

A Genuine Radium Restorer that will bring back to grey or faded hair the colour that it possessed at 20 years of age; will also keep the scalp quite free from scurf, and, like all my Radium Preparations, its efficacy is guaranteed. Price 7/9.

RADIO-ACTIVE HAIR GROWER

Unparalleled for producing abundant, glossy hair. Price 5/6.

Do YOU stock CARADIUM?—CARADIUM HAIR RESTORER is NOT a dye. It can BE RELIED UPON to do what WE claim for it. YOU can recommend it to your customers and be certain *they will come again.*
IN A SHORT TIME THE NATURAL COLOUR (whatever it may be) will return and, afterwards, one application weekly will be sufficient to retain it. This PERFECT RESTORER will also keep the scalp quite clean and free from scurf, and like ALL the CAVENDISH RADIO-ACTIVE PREPARATIONS its efficacy is *guaranteed.*
HARRODS, THE ARMY & NAVY STORES, SELFRIDGE, BARKERS, AND OTHERS whose names stand for *excellence* are selling large quantities and have a continuous display. If it pays THEM it will pay YOU. We offer you a Profit of 33⅓%
You buy at **60/-** per **dozen** and retail at **7/6** per **bottle.**

CARADIUM, Regd., 174 NEW BOND STREET, LONDON, W.

Agents required in all parts of the world.

BRITISH MADE

SAFETY RAZORS

Blades and Cases. 36 Varieties.

WRITE FOR LIST.

WILLIAM P. KELLAND, 36 and 37 Camomile Street, LONDON.

THE SOAPS TO STOCK

Gibbs's Cold Cream Toilet Soap
Gibbs's "Kura" Toilet Soap
Gibbs's Shaving Soap
Gibbs's Dentifrice

ALL SHOW A GOOD PROFIT, ALL IN PUBLIC DEMAND

WRITE FOR TERMS TO—

D. & W. GIBBS, City Soap Works, LONDON, E.

Established 200 years.

DR. EVAN WILLIAMS' ORIGINAL HENNA SHAMPOO

A Business Vitalizer, something with Real Force behind it.

Apply for Descriptive Price List and Trade Terms.
289, OXFORD ST LONDON, W.

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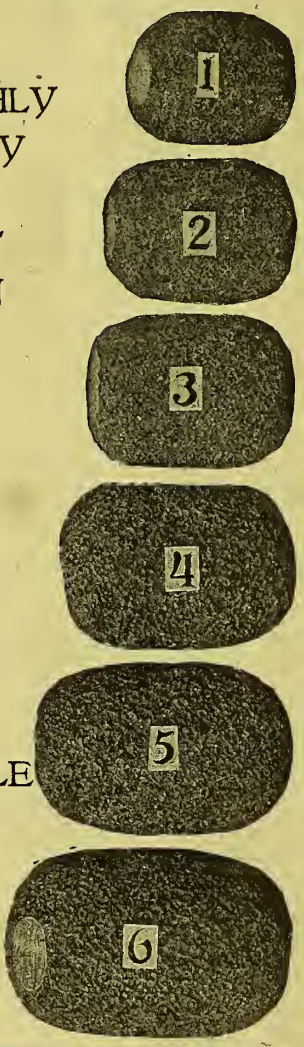

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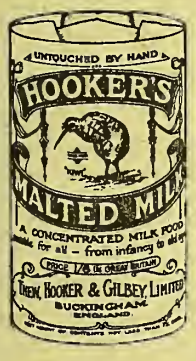

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Coming Events.

This section of the "C. & D." is reserved for advance notices of meetings or other events. These should be received by Wednesday of the week before the meetings, etc., occur.

Sunday, May 20.

Pharmacists' Volunteer Corps. Imperial College Union at 10 A.M. Parade. There will also be drills on Wednesday, Thursday, and Saturday at 3 P.M.

Monday, May 21.

Chemical Industry Club, Lyons' Birkbeck Café, High Holborn, London, W.C., at 8 P.M. Mr. M. C. Lamb on "The Commercial Utilisation of Discarded Army Boots and other Waste Leather."

Wednesday, May 23.

Leeds Chemists' Association. Annual meeting.

Thursday, May 24.

Western Pharmacists' Association, Restaurant Frascati, Oxford Street, London, W., at 8.30 P.M. Annual meeting.

Friday, May 25.

Royal Institution of Great Britain, Albemarle Street, Piccadilly, London, W., at 5.30 P.M. Mr. J. Barcroft, F.R.S., on "Breathlessness."

Harrogate Pharmaceutical Association. Annual meeting.

RHUBARB-LEAVES are notoriously charged with oxalic acid free and combined wth calcium. The potassium salt is very virulent, and the formation of this is dependent upon the more or less heavy manuring practised by gardeners with rhubarb-beds.

European War News.

Import and Export Notices.

FRANCE.—The French Customs Office in London (Import Prohibitions) has been transferred to Bank Buildings (second floor), Kingsway, W.C. 2.

SWEDEN.—Among the latest exports prohibited from Sweden are nitrate of lime, absinthe, mineral waters, soy, and sauces.

UNITED KINGDOM.—The "London Gazette" of May 11 contained a Proclamation relating to prohibited exports from the United Kingdom, revoking previous Proclamations and Orders, and substituting a new schedule, which is practically a consolidated list containing certain amendments and additions (see *C. & D. Diary*, 1917, p. 211), among which are the following:

Agar-agar (C); bottles, metal, such as can be used for containing mercury (A); bronze powder (A); cadmium, alloys of cadmium, and cadmium ore (B); dextrin, and articles, mixtures, and preparations containing dextrin (A); glucose, and articles, mixtures, and preparations containing glucose (A); honey, and articles, mixtures, and preparations containing honey (A); iridium and its alloys (C); malt-extract and preparations containing malt-extract (A); osmium and its alloys (A); osmium compounds (C); palladium and its alloys (C); palladium compounds (C); rhodium and its alloys (C); rhodium compounds (C); rice and rice-flour, and articles, mixtures, and preparations containing rice or rice-flour (A); ruthenium and its alloys (C); ruthenium compounds (C); selenium (B); spirits, methylated, and mixtures containing methylated spirits (A); spirits, potable, of a strength of less than 43 degrees above proof (C); starch, articles containing starch, and mixtures and preparations of starch (A); superphosphates (A); tantalum, alloys of tantalum, and ores containing tantalum (A); thorium and its alloys (A); titanium, alloys of titanium, and titanium ores (A); titanium compounds (A); tungsten (A); tungsten compounds (B); tungsten ores (including ferberite, hubnerite, scheelite, and wolframite (B); uranium, alloys of uranium, and uranium ores (A); uranium compounds (C); vanadium (B); varnishes containing shellac, oil, turpentine, or turpentine substitute (B); zirconium and its alloys (A).

The "London Gazette" (May 11) also contains a Proclamation prohibiting the importation of gum copal, gum kauri, and manufactures of rubber, except under licence given by the Board of Trade.

Personalia.

SECOND-LIEUTENANT TREVOR DAVIES, son of the late Myrddyn Davies, chemist and druggist, Swansea, has been wounded in France.

PIONEER L. W. HENSON, Royal Engineers, who is in hospital abroad suffering from shell-shock, was, before enlisting, in the service of Boots, Ltd., Keighley.

SECOND-LIEUTENANT RANDALL TATE, West Yorkshire Regiment, is reported missing. Before enlistment he was on the staff of Killgerm, Ltd., Cleckheaton, as a chemist.

PRIVATE J. GRIFFITHS, Suffolk Regiment, who was a chemist's assistant at Peterborough until he enlisted, has been wounded, and is in the Canadian Hospital in France.

LIEUTENANT FREEMLIN STEDMAN, Indian Army Reserve, attached to the Royal Flying Corps, son of Mr. Howard Stedman, chemist and druggist, West Malling (Kent), is reported from France to be missing.

SECOND-LIEUTENANT E. S. FLETCHER, West Yorkshire Regiment, only son of Mr. W. W. Fletcher (Reinhardt & Sons, Ltd.), Leeds, is reported as missing. He was wounded last September, and only returned to the Front a few weeks ago.

MR. W. A. COCKETT, chemist and druggist, has been gazetted second-lieutenant in the 3rd Battalion Gordon Highlanders. Mr. Cockett qualified in April 1916, after which he enlisted in the Queen's Royal West Surrey Regiment, and was eventually appointed Musketry Instructor.

AMONG OUR CALLERS this week were two Australian pharmacists—Staff-Sergeant Burke, of Brisbane, and Staff-Sergeant Asher, of Brighton, South Australia—both serving their country with the Australian Overseas Forces, and at present in camp on Salisbury Plain. They are in the A.M.C., and expect to be in France in a week or two.

CAPTAIN J. R. HASLETT, Army Service Corps, of J. & J. Haslett, Ltd., wholesale druggists, North Street, Belfast, who has been stationed at Belfast, was on May 14 transferred to England prior to joining the Expeditionary Force. Captain Haslett is a son of the late Sir Jas. Haslett, M.P., a former President of the Chemists' and Druggists' Society of Ireland.

MR. G. H. GREGORY, organist at Boston Parish Church, has been notified by the War Office that his son, Second-Lieutenant Brooke William Gregory, Lancashire Regiment, has been missing since April 28, and it is feared he has been killed. He was a chemist and druggist, having passed the Minor examination in January 1909, and received his commission in September 1916.

Second-Lieutenant James Frederick Addy, the King's Shropshire Light Infantry, has been wounded, and awarded the Military Cross for conspicuous gallantry in action. Second-Lieutenant Addy was an assistant with Mr. T. N. Moffitt, Ph.C., 209-211 Crumlin Road, Belfast, whom he joined as an apprentice in 1906. He qualified as a pharmaceutical chemist in 1915, and then joined the Queen's University O.T.C. He obtained his commission in September 1915.

C.Q.M.-Sergeant J. Harris, R.E., who was engaged at the Sheffield Union Dispensary prior to rejoining the Army, has had his services mentioned by General Sir H. S. Horne, K.C.B., as follows:

At Beuvry, Harris, who was mounted, met a limbered wagon without driver, the horses of which were galloping at full speed into Beuvry. He galloped after and caught the horses with great difficulty, bringing them to a standstill by a railway crossing, thereby averting what might have been a serious accident.

Miscellaneous.

Enemy Patent and Trade-mark.—Boots' Pure Drug Co., Ltd., Station Street, Nottingham, are applying for the avoidance or suspension of trade-mark 327437 (Trypaflavin), registered by Cassella & Co.—T. Kerfoot & Co., Bardsley Vale Mills, Lancs, are applying for patent 24625/10, "Manufacture of 3:6-diaminoacridine and its Derivatives," belonging to Cassella & Co. The hearing takes place on May 24.

Enemy Firms.—The Controller of the Foreign Trade Department has issued a further list (No. 26) of additions to the statutory list of firms of enemy nationality or enemy association with whom persons in the United Kingdom are forbidden to trade. The list contains 132 additional names, covering firms in Argentina, Paraguay and Uruguay, Bolivia, Brazil, Chile, Colombia, Denmark, Ecuador, Iceland and Faroe Islands, Liberia, Netherlands, Netherlands East Indies, Norway, Spain, Sweden, and Venezuela. The removals from the list include all persons or bodies of persons in Japan.

Military Tribunals' Decisions.

Berkhamsted.—The conditional exemption certificate of Mr. Herbert Mills, dispensing chemist, was confirmed. He is to join the Volunteer Training Corps.

Bermondsey.—Two months' further exemption was granted to an employé of Brandram Bros. & Co., Ltd., Rotherham. The company carries on one of the two saltpetre-refineries in London, and the whole output is reserved for the Government.

Bexhill-on-Sea.—One month's exemption was given to Mr. S. J. Mott, dispensing chemist with Mr. F. Wimshurst, Ph.C.—Six months' exemption was granted to Mr. H. A. Stapylton, with Mr. R. W. Robbins, dispensing chemist.

Cambridge.—Conditional exemption was granted to Mr. A. H. Course, dispensing chemist, with Mr. E. S. Peck, Ph.C.

Halifax.—G. E. Booth, apprentice with Mr. J. W. Pilling, dispensing chemist, was allowed until August 1 to enable him to sit for an examination.

Malvern.—Exemption has been refused to Mr. E. P. Andrews, dispensing chemist, manager at the Barnard's Green pharmacy of Mr. A. E. Baylis.

Southwark.—Exemption was refused to J. B. Reynolds, dispenser at Boots, Ltd., Walworth Road.—The exemption certificate was renewed of Mr. F. H. Lewis, secretary of Eucryl, Ltd., Borough High Street, who holds a commission in the Volunteer Training Corps.

Ventnor.—Three months' further exemption was granted to both Mr. O. E. Hickson and Mr. H. L. Warne, dispensing chemists.

Weymouth.—The conditional exemption certificate of Mr. C. H. Bullock, dispenser, 106 St. Mary's Street, was continued.

Witham.—Conditional exemption was granted to Mr. A. M. Worfolk, dispensing chemist, who manages Mr. T. Bellamy's pharmacy.

Worcester.—Conditional exemption was continued to Mr. A. T. Saunders, dispensing chemist.

House of Commons Tribunal.—A soap-manufacturers' agent, who was granted exemption until August 1, stated that the soap-trade had now become of national importance. Before the war glycerin had been considered a by-product of soap. The difficulties in the trade are now enormous, because soap, even in America, has really become the by-product of glycerin.

Pharmaceutical Society of Ireland.

Council-meeting.

The Council met at 67 Lower Mount Street, Dublin, on May 8, Mr. James Tate (President) in the chair. The following members also attended: Mr. James Michie (Vice-President), Mr. G. D. Beggs (Hon. Treasurer), Dr. A. J. Barnes, Messrs. Richard Blair, Wm. J. Hardy, Thos. N. Moffitt, John Smith, D. M. Watson, A. Owen Wells, and W. F. Wells.

Votes of Condolence.

The President referred to the death of Mr. Thomas Batt, one of the oldest members of the Council, whom he mentioned as "one of nature's gentlemen, one whose presence at the meetings of the Council was always a source of pleasure to his colleagues, one who took a personal and active interest in all their work, whose amiability was only equalled by his ability, and who was free from any tendency to discord, or any trait that could possibly arouse anything but love towards him from his fellow members." A great calamity had fallen on another of their most highly esteemed councillors, Dr. Walsh, whose son had been called away in the prime of life while engaged on active service for his country, and he was sure their deepest sympathy went forth to Lieutenant Walsh's parents and family in their sad bereavement.

The vote of sympathy was passed in silence, the members standing. Mr. Smith desired to associate himself with the President's remarks, and spoke in appreciation of Mr. Batt and in full sympathy with Lieutenant Walsh's parents.

The Registers.

Messrs. F. Cotter, C. Cremen, J. G. MacCourt, T. O'Regan, and R. D. Seale submitted certificates of other bodies, and were admitted to Preliminary registration.

Elizabeth Perrot, registered druggist, 27 Upper Newtownards Road, Belfast, notified her marriage, and the Registrar was authorised to change her register name from Elizabeth Perrot to Elizabeth Perrot Coote.

The following notified changes of address:

Mr. Patrick J. Ronan, Ph.C., from 10 Market Street, Lurgan, to Ronan's Medical Hall, Dunlavin.

Mr. James B. Doran, Ph.C., to the Border Pharmacy, Aliwal North.

Mr. George A. Elliott, R.D., from c/o McCaul's Medical Hall, Ferry Quay Street, Derry, to Ardvarnock, Convoy, co. Donegal.

Reports from the Examiners.

The examiners reported upon the Preliminary, Registered Druggist, Pharmaceutical Licence, and Pharmaceutical Assistant examinations. Thirty candidates presented themselves for the Preliminary examination, of whom fourteen passed. There were seven candidates for the Registered Druggist examination, and four passed. Thirty-one candidates presented themselves for the Pharmaceutical Licence examination, of whom eight passed, one (Mr. Cecil I. Davis) with honours. For the Pharmaceutical Assistant examination there were seven candidates, of whom five passed.

Dr. Barnes said he had had the pleasure of acting, for the first time, as a visitor to the Pharmaceutical Licence examination. It had struck him that in the examination-paper in practical pharmacy no mention was made of any importance being attached to the writing on the labels of bottles, etc., in awarding marks. He spoke to one of the examiners on the subject, and he approved entirely of his suggestion that mention should be made of this matter. He suggested that the School Committee might look into this. He was greatly struck by the general efficiency of the examination and by the courtesy and leniency of all the examiners. One thing above all that surprised him was the comparative easiness of the whole examination. It mystified him why so many candidates got "stuck" in it. The only explanation was that a number of candidates seemed to come up on mere speculation, just to see what the examination was like.

The Vice-President was very pleased to hear Dr. Barnes's satisfactory criticism. To a certain extent handwriting was always considered, and neatness was always included in awarding marks.

Dr. Barnes said if handwriting was mentioned candidates would come up better prepared

The reports of the Examiners were adopted.

The other business of the meeting consisted of reports from the Law Committee and the House Committee (considered and adopted), and the sealing of pharmaceutical licences for Thomas Burke, Cecil I. Davis, Patrick J. Kennelly, James McKeever, George H. Miller, James F. O'Hara, George H. Parker, and Thomas Wrixon.

English and Welsh News.

The Editor would be obliged if subscribers would send him marked copies of newspapers containing items of interest for insertion in this or other news sections of the "C. & D."

Chemical Society.

An informal meeting was held at Burlington House, Piccadilly, W., on May 10, at 8 P.M. There was a fair attendance of members and their friends. Refreshments were served in the library, and smoking was permitted. Wengers, Ltd., Etruria, Stoke-on-Trent, had on view samples of materials for porcelain glazing and enamelling, with specimens of finished enamels of various types on earthenware, porcelain, cast iron, and copper. Many of the effects were distinctly beautiful.

Contracts.

The following contracts have been arranged:

South Shields Town Council.—Jeyes' Sanitary Compounds Co., Ltd., disinfecting powder, fluid, and soap.

Whitby Urban Council.—Mr. P. W. E. Atkinson, chemist to the general and harbour department; and Smith & Co., chemists to the electricity department.

Birmingham.

The Birmingham Skin Hospital is in great need of more radium for the treatment of patients whose afflictions baffle all other forms of treatment, said the Chairman of the hospital at the annual meeting held on May 9.

A local notice states that a number of fully qualified dispensers or chemists of medical categories A, B1, and B2 are required for service overseas with the Royal Army Medical Corps. Personal application was to have been made to Curzon Hall.

The Ministry of Munitions has adopted a scheme for a service of motor-transport in the Midlands. The general view expressed at the Coventry Chamber of Commerce was that the scale of charges is entirely reasonable. It was also suggested that the Secretary of the Chamber should have control of the traffic in Coventry.

The hospital out-patients' dispensing scheme is making progress, and the businesslike manner in which Mr. F. Smith, the Hon. Secretary of the Birmingham Pharmaceutical Association, keeps chemists *au courant* with events is much appreciated. This week he has sent out revised prices for the preparations of the two Pharmacopœias in use, and a circular which extends the agreement to the medicines prescribed at the school clinics.

Liverpool.

Sir Edward Evans is benefiting by his month of rest.

Boots make prominent displays of Toxol, Regepyrin, and Regesan preparations.

Measles is again causing some trouble in official departments, and emphasising the advantages of compulsory notification.

Mr. C. F. Insman, Dale Street, displays this showcard: "Have you got a shilling and indigestion? If so, we can relieve you of both by bipepsocin." The ingredients are graphically indicated.

The King and Queen visited Liverpool, Birkenhead, and Chester on May 14 and 15, and proceeded to Manchester. At the Town Hall their Majesties were received by the Lord Mayor (Mr. Max Muspratt) and the Lady Mayoress. The Fazakerley Military Hospital was among the institutions inspected.

The staff of Ayrton, Saunders & Co., Ltd., are giving a concert on Saturday at the David Lewis Hostel Theatre, Great George's Place. The proceeds are to be divided between the Fazakerley Rest Rooms (auxiliary to the Fazakerley Military Hospital) and the Liverpool Wardressing Supply Organisation. The sister of Mr. Harold Nixon (one of the directors of A., S. & Co.) is the Hon. Treasurer of the Rest Rooms.

Sheffield.

Mr. W. Beaulah, who represents company chemists on the Pharmaceutical Committee, is likely to retire from public work for the present, owing to continued ill-health.

Miss D. Medley, only daughter of Mr. F. Medley, chemist and druggist, of Firvale and Page Hall, has passed the Higher Grade examination of the Royal Academy of Music. Miss Medley is to join the ranks of pharmacy.

Mr. H. G. Williams, of The Moor, makes good use of his valuable position. He is at present exhibiting dainty shows of the Gold Series of Pears' and of Erasmic preparations, the windows being draped with gold and green.

Some misunderstanding exists in the filling-up of the monthly numbers of panel prescriptions. A section of the chemists are adding to the total given all occurring on each script. The Pricing Bureau only requires the simple number of scripts returned. The total number of prescriptions to be priced is obtained by the Bureau.

Miscellaneous.

A FIRE destroyed 2,500 gals. of tar at Forbes, Abbott & Leonard's works in East Greenwich last week.

BAISS BROS. & CO.'S annual spirit-licence was granted last week by the County of London Licensing Confirmation Committee to Mr. Arthur John Puddy.

A WAR BONUS is wanted by the staffs of two London wholesale houses, and they have asked the National Amalgamated Union to help them to get it; 20 per cent. they want.

POISONINGS.—The only case reported to us this week is that of Captain D. Manners-Davies, who died from poisoning by potassium cyanide at Charing Cross Chambers, Westminster. The verdict was "Suicide while of unsound mind."

AGRI-HORTICULTURAL POISONS LICENCES have been granted to Mrs. Isabella Johnson, of the Forge Nurseries, Newton Road, Burton-on-Trent; and to Mrs. Mary E. Frampton and Mr. H. S. Frampton, of 30 and 31 Jewry Street, Winchester.

PLYMOUTH CHEMISTS AND DRUG-SELLERS have requested the Borough Council, which has agreed, to issue an order for closing their shops for the serving of customers, otherwise than for the sale of medicines and medical and surgical appliances, on Mondays, Tuesdays, Thursdays, and Fridays at 8 P.M., on Wednesdays at 1 P.M., and on Saturdays at 9 P.M.

MASONIC.—Bro. Fred Luxton (James Townsend & Sons, Exeter and London) has recently been presented with a fine armchair and an illuminated scroll containing the names of the donors, nearly one hundred present and past members of the Exeter Lodge of Instruction, over which he has presided as Preceptor for the past ten years. Bro. Luxton is also P.P.G.D. (Craft), P.P.G. Treas. (Mark), and P.P.G. Treas. (H.R.A.) of Devonshire.

AN ACETONE CASE.—At the Mansion House Police Court, London, on May 14, Raphael Raoul Cohen, 2 Talbot Court, Gracechurch Street, a Turkish subject, was summoned before the Lord Mayor for having on May 14, 1917, unlawfully entered into negotiations for the purchase and sale of acetone, being a war material, without a permit from the Minister of Munitions, contrary to the Defence of the Realm regulations. The defendant pleaded "Guilty." The Lord Mayor imposed a fine of 80*l.*, with 20*l.* costs. The money was at once paid.

RAMSAY MEMORIAL FUND.—The Executive Committee of this fund, which originated in a public meeting held last October at University College, London (*C. & D.*, November 4, 1916, p. 35), has issued an appeal for subscriptions. The Committee aims at obtaining a sum of 100,000*l.*, and the objects recommended are: (1) The provision of Ramsay Research Fellowships, tenable wherever the necessary equipment may be found, and (2) the establishment of a Ramsay Memorial Laboratory of Engineering Chemistry in connection with University College, London. The Committee has also in mind the inclusion of other forms of memorial, such as the institution of a Ramsay Medal for Chemical Research.

CHEMISTS' BAZAAR STALL.—At a meeting held six weeks ago to make arrangements for a bazaar in aid of St. Dunstan's Hostel for Blinded Soldiers, the chemists of Walthamstow were invited to take one of the fifteen stalls which were to be provided. They accepted, and a guarantee fund of 50*l.* was raised. After a canvass of wholesale houses and the local chemists the bazaar was held on May 10, 11, and 12, and was opened by the Countess of Warwick, the Marchioness of Titchfield, and Lady Fulton respectively. All three patrons showed great interest in the chemists' stall, and each had a guess at the pill-competition and a penny spray of perfume. The stall was one of the most attractive features of the bazaar, and drew eulogistic remarks from the visitors. A large carboy of orange-coloured water was displayed in the centre, and surrounding this was a varied selection of perfumes, soaps, smelling-salts, face-creams, etc. Attractive counter-stands had been lent by the local shops, and tastefully arranged by the chemists themselves. Numerous side-lines were run by them, such as 2*d.* dips, in which one might get any article from a shampoo-powder to a flash-lamp; a large perfume-spray from which visitors were sprayed at 1*d.* a time; a pill-guessing competition, which proved most popular, over 5*l.* being taken from it alone. The bottle contained 1,114 pills; the nearest guess was 1,113. The total amount which the chemists were able to hand over to the Treasurer of the bazaar was 75*l.* 5*s.*

Irish News.

Brevities.

During the past two weeks several Irish Boards of Guardians have been communicated with by the Local Government Board regarding the high cost of medicines in certain dispensaries.

The drug-business of the late Mr. James Byrne, J.P., Michael Street, Clonmel, has been taken over by a limited company, with Mr. T. A. Sheircliffe, registered druggist, as managing director.

The War Bonus.

At a meeting of the Limerick Branch of the Irish Chemists' Assistants' Association, the question of a war bonus for chemists' assistants was discussed, and it was decided to ask the employers to grant such an advance in salaries as would represent a fair set-off to the increased cost of living. The Association subsequently brought the matter under the employers' notice in writing, and asked them to meet a deputation of the assistants as representing the Association. The request was refused, and since then a number of the assistants employed locally have given a month's notice to leave their situations. The deadlock has been represented to the central body at Dublin, which in turn is at issue with the employers on the same question, the latter having refused to advance the existing rates of pay. Several staff changes in Dublin pharmacies are pending. Meantime the Association has put its case into the hands of the United Trades Council, and is prepared to take such steps as that organisation of labour and industry may indicate.

Creditors' Meeting.

A meeting of the creditors of Mr. Wm. Haslett, registered druggist, Deramore Street, Belfast, was held on May 10, when it was decided that the estate should be assigned by trust deed to Mr. Crawford, of the Belfast Wholesale Merchants' Association, for realisation on behalf of the creditors. The estate shows a deficiency of 1,072*l.* 12*s.* 5*d.* Mr. Haslett began business in 1893 with a capital of 150*l.*, and after a few years his turnover increased to 7,000*l.* a year. He purchased the premises at 1 and 3 Deramore Street, mortgaging part and selling a portion. Additional shop premises were opened at various times, on some of which a loss was incurred. His present position was due to the falling-off of business, which was not now making a profit. Among the creditors are: Elliott, Thompson & Blair (Belfast), 182*l.*; H. & E. Musgrave, Ltd. (Belfast), 170*l.*; Samuel Gibson (Belfast), 88*l.*; Ayrton, Saunders & Co., Ltd. (Liverpool), 43*l.*; S. Maw, Son & Sons (London), 31*l.*; Gustav Boehm (London), 22*l.*; J. & J. Haslett, Ltd. (Belfast), 21*l.*; Parke, Davis & Co. (London), 16*l.*; Harker, Stagg & Morgan, Ltd. (London), 14*l.*; Fred Storey, Ltd. (Belfast), 14*l.*; Thos. Christy & Co. (London), 13*l.*; Crown Perfumery Co. (London), 12*l.*; Robert Blackie (London), 11*l.*; D. & W. Gibbs, Ltd. (London), 11*l.*; J. F. Wilkinson (Pendleton), 10*l.*; Thos. Kerfoot & Co. (Manchester), 10*l.*

Scottish News.

Brevities.

Scottish hydropathics and spas have suffered heavily owing to the increase in railway and motor fares.

According to a Glasgow newspaper a local chemist was last week requested to supply submarine pellets, but the more harmless saccharin was supplied.

Edinburgh.

Edinburgh and Leith chemists will be closed all day on Tuesday, May 22 (Victoria Day).

Demands for saccharin-tablets are growing, the price being from 2*s.* 3*d.* to 2*s.* 6*d.* per 100.

The old house garden behind Raimes, Clark & Co.'s premises has been divided into allotments.

Mr. John Pottie (Boots, Ltd.), who has three sons serving with the Colours, has received intimation that the eldest has been wounded. One of the younger lads was recently rescued at sea.

Mr. William Reginald Levie, son of Mr. Thomas Levie, chemist, West Hartlepool, has passed the Preliminary examination of the Edinburgh University, and commenced his medical studies there last month.

Notices have been issued asking for "fully-qualified dispensers or chemists" of categories A, B1, and B2 for service overseas with the R.A.M.C. Information is obtainable at the Recruiting Office, 63 Cockburn Street.

Westminster Wisdom.

By the "C. & D." Parliamentary Representative.

British Dyes, Ltd.

Mr. Herbert Lewis, M.P., informed Sir Joseph Larmor, M.P., on May 15 that the grant to British Dyes, Ltd., for scientific and industrial research does not come within the cognisance of the Board of Education. No payment out of the grant has yet been made to British Dyes, Ltd., or applied for.

Artificial Limbs.

It was announced on Monday, May 14, by the Pensions Minister that 8,805 artificial limbs had been supplied to soldiers and sailors up to the end of April. The total public expenditure on the supply and renewal of artificial limbs and other surgical appliances during that period was 127,293*l.*

Wages of Chemists' Assistants in Ireland.

On Thursday, in the House of Commons, Mr. Byrne asked the Chief Secretary if his attention has been drawn to the rates of wages paid to chemists' assistants in Ireland; if he is aware that these men work from 8.30 A.M. to 10 P.M. for 25*s.* to 30*s.* per week in shops which hold Government contracts; and if he will recommend to the Government the advisability of forming a wages board to deal with this and other cases of underpaid workers.

By-products and Glycerin.

In the House of Commons on May 9, Mr. H. W. Forster, M.P., informed Mr. Haslam that the recovery and collection of by-products from armies in the field is under the direction of a special staff. Fifty tons of dripping, besides a large amount of other by-products, was received from France in March, and 130 tons in April. Degreasing plants have been erected. The value of bones and fat sold by units at home to controlled firms in March was 54,000*l.*

Physiological Effects of Alcohol.

Sir William Collins was informed in the House of Commons on May 10 that the Central Control Board has appointed an Advisory Committee, consisting of Lord D'Abernon (Chairman), Sir G. Newman, M.D., Dr. A. R. Cushny, R.P.S., Dr. H. H. Dale, F.R.S., Dr. M. Greenwood, jun., Dr. W. McDougall, F.R.S., Dr. F. W. Mott, F.R.S., Dr. C. S. Sherrington, F.R.S., and Dr. W. C. Sullivan, to consider the conditions affecting the physiological action of alcohol, and particularly the effects on health and industrial efficiency produced by the consumption of beverages of various alcoholic strengths, with special reference to the recent orders of the Central Control Board. The Committee is also to plan out and direct such investigations as may appear desirable with a view to obtaining more exact data on this and cognate questions.

Venereal Diseases Bill.

The amendments of the Standing Committee were considered in the House of Commons on May 15, when Mr. Rawlinson moved the inclusion of a new clause providing that no prosecution under the Act be instituted without the consent of the Attorney-General. He said very serious charges might easily be preferred against a chemist who had simply sold sixpennyworth of stuff, and some protection such as that suggested in the clause is necessary. Mr. Glyn-Jones seconded the motion, and pointed out how easy it is for a rival trader or the rival proprietors of medicines to institute proceedings and cause a great deal of trouble. Mr. Hayes Fisher, on behalf of the Government, could not consent to the clause, and it was negatived. Mr. Rawlinson moved another clause, making it obligatory on persons suffering from venereal diseases to consult a doctor, but this also was negatived. Various amendments in the advertisement clause were agreed to. The Bill was then read a third time, and Mr. Glyn-Jones found the opportunity of calling attention to the attempt to give doctors the monopoly of the purchase of certain drugs. He suggested that the practice adopted under the National Insurance Act in regard to dispensing was really the best solution of the difficulty. Mr. Hayes Fisher expressed his thanks to Mr. Glyn-Jones for the assistance he had given in the various stages of the Bill, but said he could not enter into the very debatable ground of settling and limiting the areas in which the doctor and the chemist should operate, adding, "The happy time will come, and perhaps ought to come now, in which the doctor shall be the only person who can prescribe, and the chemist the only person who can dispense." Further discussion took place on the part which the Local Government Board and the doctors are to take in the carrying-out of the Act, and the Bill was then read a third time and passed.

New Companies
and Company News.

P.C. means Private Company and R.O. Registered Office.

"Zoel" Antiseptic Co., Ltd. (P.C.).—Capital 2,000*l.* Objects: To take over the business of a manufacturer and dealer in antiseptics, etc., carried on by C. Binding, including recipes for "Zoel" preparations. The subscribers are E. G. Morley, M. H. Batcham, and M. R. Davies. R.O., 6 Bond Court, Walbrook, E.C.

John Harley Parker, Ltd. (P.C.).—Capital 24*l.* Objects: To take over the business known as "John Harley Parker," and to carry on the business of manufacturers of Mrs. Parker's hair and skin preparations, etc. The first directors are Major A. M. Addison and Mrs. M. M. Conron. R.O., 117 St. George's Road, Pimlico.

International Institute of Beauty Culture, Ltd. (P.C.). Capital 100*l.* Objects: To take over the business of a concern of similar name carried on at 260 Westminster Bridge Road, S.E., and to carry on the business of manufacturers of and dealers in soaps, perfumes, face-powders, etc. The first directors are S. Sidders and W. F. Mitchell.

West London Chemical and Colour Co., Ltd. (P.C.).—Capital 1,000*l.* Objects: To take over the business carried on by the West London Chemical and Colour Co. at 26 Budge Row, E.C., and elsewhere. The subscribers are H. P. Wright and P. Worsley. The first directors are J. Menzies and others to be appointed by the subscribers. R.O., 26 Budge Row, E.C.

Brooks Appliance Co., Ltd. (P.C.).—Capital 1,000*l.* Objects: To take over and carry on the business of the "Brooks Appliance Co.," Bank Buildings, Kingsway, W.C., as manufacturers of and dealers in surgical and anatomical appliances, bandages, etc. The first directors are Louis E. Brooks, Harold C. Brooks, and Albert L. Wright. R.O., Kingsway House, Kingsway, W.C.

Ambrosia, Ltd. (P.C.).—Capital 5,009*l.* Objects: To acquire the trade-mark "Ambrosia" and licences to work inventions relating to the drying of milk and other liquids and products, etc. The first directors are J. R. Hatmaker, to nominate two directors (including himself), and A. Morris, to nominate four (including himself). Solicitors: Lawrance, Webster & Co., 14 Old Jewry Chambers, E.C.

S. Maw, Son & Sons, Ltd. (P.C.).—Capital 200,000*l.* Objects: To take over and carry on the business of S. Maw, Son & Sons, manufacturers of and dealers in surgeons' instruments, druggists' sundries, anatomical, orthopædic, surgical, optical, and veterinary instruments and appliances, boots, corsets, artificial eyes and limbs, bandages, crutches, stretchers, hospital requisites, oils, colours, toilet-preparations, rubber goods, etc., 7-12 Aldersgate Street, E.C. The subscribers are C. T. Maw, H. T. Maw, M.D., M. T. Maw, and A. T. Maw, Ph.C., who, with A. F. Porter, are the directors. The four first-named may each retain office while holding 10,000*l.* shares. R.O., 7-12 Aldersgate Street, E.C.

W. J. Bush & Co., Ltd.—The accounts for 1916 show a gross profit of 275,459*l.* After providing for debenture interest, expenses, and directors' remuneration, and making allowances for depreciation, there is a net profit of 80,887*l.*, which, with the amount brought forward, makes 104,751*l.* The directors propose to increase the general reserve by 30,000*l.*, and to pay a final dividend of 14 per cent. on the ordinary shares, making 20 per cent. for the year, leaving 43,502*l.* to be carried forward.

German Chemical Works' Dividends.—Geho & Co. (Dresden) made, in 1916, a net profit of 1,611,719m. (against 841,444m. in 1915), and are paying a dividend of 20 per cent. (14 per cent.), placing 500,000m. to war reserve fund, and carrying forward 268,182m. Fried. Bayer & Co. (Leverkusen) made net profit 21,396,823m. (against 15,541,147m. in 1915), and are paying a 20-per-cent. dividend and 8-per-cent. special bonus. The Badische Anilin und Sodafabrik (Ludwigshafen) made 23,548,772m. net profit (against 17,201,071m. in 1915), and pay a dividend of 20 per cent. with a bonus of 8 per cent. The report draws attention to the fact that the competition in coal-tar dyes in enemy as well as neutral countries is profiting by the protracted war, and the recapturing of many former selling markets will be very difficult and only possible by using great efforts and making special sacrifices. Meister, Lucius & Brüning (Höchst-a.-M.) made a net profit of 24,227,445m. (against 15,700,290m. in 1915), and pay a dividend of 25 per cent. (against 20 per cent. in 1915). The Verein für Chemische Industrie (Mayence) made net profit of 2,722,221m. (against 2,220,529m. in 1915), and pay a dividend of 25 per cent. with a bonus of 5 per cent.

Baiss Brothers & Co., Ltd.—The report of the directors for the year ended December 31, 1916, states that after making full provision for bad debts and depreciations, and deducting directors' fees, etc., there is a profit for the year of 10,005*l.* 17*s.*, to which has to be added the balance of profit unappropriated from last year of 2,188*l.* 18*s.*, making a total available for reserve and dividends of 12,194*l.* 15*s.* The directors propose to put one-fourth of the profit of the year to reserve—viz., 2,501*l.* 9*s.*—thereby increasing the reserve fund to 4,938*l.* 19*s.*, and to pay dividends of 10 per cent. for the year on the preference shares and 25 per cent. on the ordinary shares, together absorbing 5,498*l.* 10*s.*, and leaving 4,194*l.* 16*s.* to be carried forward. The directors report a further increase in the volume of business done, which has necessitated the acquisition of additional commodious premises in Bermondsey. Mr. Sydney S. Baiss, presiding at the annual meeting held on May 10, mentioned that provision had been made in the accounts for excess-profits duty, and that the amount standing against "debtors for goods" carried a considerable reserve. Land had been acquired at Carshalton, in Surrey, on which the company were now growing some of those herbs and drugs for which this country was formerly dependent on Germany and Austria; in the laboratory they were adding week by week to the number of pharmaceutical preparations they manufactured; and they had secured the services of several eminent chemists, experts in synthetic work, and they were now engaged in the manufacture of those synthetic chemicals that formerly came from Germany. The report was adopted, and the dividends recommended therein were confirmed. Mr. W. A. Baiss was re-elected a director.

Personalities.

Alderman George Woodhouse, chemist and druggist, Ludlow, has been appointed a charity trustee by the Town Council.

Mr. Garland, not Professor Donnan, was elected a member of the new Committee of the London Section of the Society of Chemical Industry last week.

Miss Hooper, B.Sc., F.I.C., Ph.C. (now Mrs. Elsie Sevillo Higgon), has been engaged by the Cheltenham Town Council to analyse water at a fee of 5*s.* per hour.

Mr. Charles Thomas Ward, chemist and dentist, Southwick, Sussex, has been returned as people's churchwarden at the parish church of St. Michael and All Angels, Southwick, for the twenty-seventh year in succession. During the whole of that time he has never missed a service.

Mr. Joseph Bell, who has succeeded Mr. William Kirkby, M.Sc., F.C.S., etc., as President of the Manchester Pharmaceutical Association, is a dispensing chemist and registered dentist carrying on business at 113 London Road and 91 Upper Brook Street, Manchester. He was apprenticed to the late J. L. Newbigin, chemist, Alnwick, Northumberland, and went to Manchester forty years ago as an assistant to Mr. Thomas Bushby, chemist, 308 Upper Brook Street. He passed the Minor examination in Edinburgh in January 1887, and immediately afterwards commenced business at 113 London Road, which he carried on successfully, and about 1900 purchased the old-established business of Richard Twemlow at 91 Upper Brook Street, and worked this as a branch of his original pharmacy. Mr. Bell has for many years been a member of the Manchester Pharmaceutical Association, and is also a prominent member of the Pharmaceutical Committee connected with Insurance dispensing matters; in fact, he has worked for this assiduously since the commencement, and acts as Treasurer of the Committee. The portrait that we give is reproduced from a photograph taken by Mr. J. Cleworth.

Mr. Joseph Bell.

Births.

Griffin.—At the Church Road Pharmacy, Weston-super-Mare, on May 14, the wife of Sercombe Griffin, pharmacist, of a daughter.

Smith.—At 47 North Road, West Bridgford, Nottingham, on May 10, the wife of A. Nutter Smith, Ph.C., of a son.

Whittle.—At Rutland House, Hednesford, on May 8, the wife of R. Whittle, M.P.S., of a daughter.

Marriages.

Butterworth—Bunker.—At St. Mary's Church, Twickenham, on May 3, John Wm. Butterworth, chemist and druggist, of Halifax, to Elsie Sarah, only daughter of the late Mr. C. J. Garibaldi Bunker, chemist and druggist, of Twickenham.

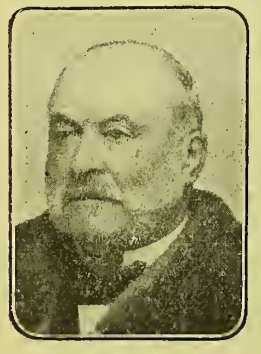
Button—Farr.—At St. Peter's Church, Yaxley, on April 29, Cecil Fredk. Button, eldest son of Mr. T. Button, Southampton, to Priscilla, younger daughter of the late Joseph Farr, chemist and druggist, Yaxley.

Deaths.

Brackenbury.—At Bardney, Lincoln, last week, Mr. Elijah Brackenbury, chemist and druggist, aged seventy-two. The death of Mr. Brackenbury severs a link with the past, as he commenced business in 1865. He built up a successful agricultural business covering a wide area, and was one of the best-known men in the district, being universally esteemed and beloved. Mr. Brackenbury leaves three pharmacist sons—one who was in partnership with him, another in business at Middlesbrough, while the third many years ago relinquished pharmacy and holds an important position in the Kodak Co. He leaves also two other sons, two daughters, and a widow to mourn his loss.

Einhorn.—At Munich, recently, Professor Alfred Einhorn, aged sixty-one. He was formerly an assistant to Adolf von Bayer, and was Professor of Chemistry in Munich University. He was the discoverer of nirvanin, novocain, and orthoform.

Haversham.—Lord Haversham, who was Chairman of the Joint Committee of the Houses of Lords and Commons that considered in 1908 the Government Poisons and Pharmacy Bill, died in his residence, Grosvenor Square, London, on May 10. He was eighty-two years of age. His Lordship was Arthur Divett Hayter, the only son of Sir William Goodenough Hayter, Bart., South Hill Park, Berks, and after spending ten years in the Grenadier Guards sat in the House of Commons from 1865 to 1905 (with interruptions) as Liberal member for Wells, Bath, and Walsall. He was a Liberal Minister, and a devoted friend of Mr. W. E. Gladstone, and was elevated to the peerage in 1906. The Joint Committee on the Poisons and Pharmacy Bill appointed him Chairman on March 24, 1908. The Committee's inquiry lasted until May 19, when its amendments to the Bill were agreed to. That was just nine years ago this week. Lord Haversham made a good chairman, being strictly impartial, and did not favour witnesses who were eager to magnify their own case. It is interesting to recall the fact that after all the witnesses had been heard Lord Haversham asked Mr. Glyn-Jones to go before the Committee in order to explain his objections to the poisons schedule attached to the Bill, which was ultimately altered in consequence of Mr. Glyn-Jones's criticism.



Lord Haversham.

Foggitt.—At Thirsk, on May 10, Mr. William Foggitt, J.P., F.L.S., chemist and druggist, aged eighty-two. Mr. Foggitt had been established in business for many years in Thirsk, and was one of the best-known of Yorkshire pharmacists. He enjoyed a wide reputation as a botanist, which study, together with other branches of natural science, had been a life hobby with him. His interest in nature study was inherited, four generations of his family having been botanists. During his apprenticeship in his father's business his taste for botany was helped by a close friendship with John Gilbert Baker, who eventually became curator of the herbarium at Kew Gardens, and in their youth they co-operated in forming the first Natural History Society in Thirsk. Mr. Foggitt was the means of stimulating a large number of young people in the pursuit of nature studies, and he gave weekly botanical lessons at the Thirsk High School, which proved very popular. Mr. Foggitt had a large family, and five sons and three daughters survive. Two of the sons are abroad and the others are in pharmacy.

Hecker.—At Elm Court, Westcliff-on-Sea, on May 12, Mr. Paul Hecker, formerly of Paul Hecker & Co., chemical-merchants, 155 Fenchurch Street, London, E.C., aged seventy-two. Mr. Hecker, who established himself in business in 1873, chiefly devoted himself to heavy chemicals, especially the saltpetre and sulphur industries. He retired in September 1916, when Mr. Algernon Abelin, who had been in his employ for upwards of thirty years, decided to commence business on his own account at the above address as A. Abelin & Co., the business of Paul Hecker & Co. being voluntarily closed.

Henderson.—At Oswaldtwistle, last week, Mr. John B. Henderson, Union Road, aged fifty-four. He was a native of Forfar, and was apprenticed to Mr. Peate, chemist and druggist, Church. He had been in business in Union Road for nearly twenty-five years.

Wood.—At Palmer's Green, London, N., on April 16, Mr. Edward James Wood, chemist and druggist, formerly of Brentford, aged sixty-two.

Younger.—At 3 Eltham Road, Lee Green, London, S.E., on May 5, Mr. Thomas Bell Younger, chemist and druggist, aged forty-six.

Died on Service.

Broadley.—Private J. W. Broadley, of the Durham Light Infantry, who formerly was a chemist's assistant in Spennymoor and Middlesbrough, was reported wounded last July, later as wounded and missing, and is now posted as believed killed. He was twenty-one years of age.

Brown.—Killed in France, on April 29, by a portion of an explosive shell, Mr. Joseph Arthur Brown, F.I.C., second assistant to Mr. J. F. Liverseege, Ph.C., F.I.C., analyst for Birmingham. Mr. Brown enlisted in the 1st Birmingham Battalion on its formation and utilised his scientific knowledge as a range-finder. He was afterwards transferred to the chemical section of the Royal Engineers, and was awarded the Military Medal for distinguished services in action.

Combe.—Lieutenant Robert Grierson Combe, of the Canadians, who, prior to going to Canada several years ago, served his apprenticeship with Mr. William F. Hay, chemist and druggist, Union Street, Aberdeen, and when in Canada was employed as a chemist in Saskatchewan, has been killed in action. He was thirty years of age.

Davies.—Died in German East Africa, of malaria and dysentery, on May 2, Corporal Hugh Davies, Divisional Signal Company, the only son of Mr. L. Davies, dispensing chemist, Enfield Wash. Previous to going to German East Africa, Corporal Davies had served in the German South-West African campaign.

MacDonald.—Private Peter MacDonald, who was killed on April 23, aged twenty-four, was born at Strathpeffer, and apprenticed to Mr. W. Walker, 14 Sciennes Road, Edinburgh. He then served as assistant with Duncan, Flockhart & Co., 104 South Back, Canongate. From there he changed to Mr. Cruickshank's, High Street, Musselburgh, and qualified in April 1915. Then he joined the Royal Scots, in which regiment he had a brother. He was transferred to the King's Own Scottish Borderers. His apprentice-master speaks of him as an honest and steady lad, and one who would have made his way in pharmacy had he been spared.

Snowden.—Corporal John Snowden, Royal Irish Rifles, was killed in action on May 5. He was before joining the Army an employé in the town despatch department of Mr. Samuel Gibson, J.P., wholesale druggist, King Street, Belfast.

Thompson.—Private G. C. Thompson, of the Argyll and Sutherland Highlanders, who was killed in action on April 9, was formerly an analytical chemist with Ardoll, Ltd., Selby, Yorks. He was twenty-one years of age.

"One can visualise the special public of the *Times* and *Morning Post*, *Punch*, the *Lancet*, or *The Chemist and Druggist*. Certainly well-defined trade proposals must be made to readers of these journals, and can only be made through such journals."—*The Advertiser's Weekly*.

Trade Notes.

Filter-cloth is a speciality of Samuel Hill, Ltd., Hunter's Lane, Rochdale. See the company's advertisement in this issue.

Rexall.—The United Drug Co. publish an extract from President Liggett's annual report in an advertisement in this issue.

Denova is a preparation for removing wrinkles. It is made by the Thames Chemical Co., Ltd., Amberley House, Norfolk Street, Strand, London, W.C.

Artificial Limbs.—Cuxson, Gerrard & Co., Ltd., Birmingham and Oldbury, state that they are makers of artificial limbs, in addition to other surgical outfits.

Cartons.—The Globe Box Co., Boston Mills, Hyde, offers to send samples and quotations of cardboard boxes. Some illustrations of the cartons are given in this issue.

Glycerin Difficulty.—The Anglo-American Pharmaceutical Co., Ltd., Galen Works, 59 Dingwall Road, Croydon, publish a notice in regard to the supply of two of their proprietary articles which contain glycerin.

The West-end Pharmacy Supply (R. Rios & Co., 231 Regent Street, London, W. 1), who represent the Argentine Importation Society (M. Etchegoin, Stabili & Meoli, chemists and druggists, Buenos Aires) in London, have secured the sole agency for the United Kingdom of Blenosan capsules and cachets "Weps." The firm hold agencies in South America for the Johnson Matthey and Macfarlan fine chemicals as well as for Pillischer's clinical thermometers and the disinfectants of Lysol, Ltd.

F. A. Degen's Advertising Ideas are bright and stimulating. We have half-a-dozen booklets and folders before us, all being of Degen design, and the dominant sentences or titles used on them are: "The Power to Win," with the jolly face of a khaki man on the covering of an anti-blushing speciality; "Hidden Meanings," the title of a prescription folder; and "Life's Pathway Made Easy" is the title on an effective booklet about an eczema-cure and foot-application. F. A. Degen will tell more about these and other designs to any chemist who asks for the information.

"Perfumery and Essential Oil Record."—The literary contents of the special number of this journal for May 11 consist of a long article on the "Processes Pertaining to Perfumery Products." It is a review of the sources of perfume-materials, especially of those obtainable within the Empire and the Allied countries, showing how Britain and her Allies can rule the perfumery-industry. Examples are given of important essential oils and the problems which are connected with the cultivation of the plants yielding them. Synthetic perfumes are also dealt with in an interesting manner. The special number is published at 1*s.* 6*d.*

Exporters' Directory.—Lindley Jones & Brother, 16 St. Helen's Place, London, E.C. 3, have just published the thirty-first annual issue of "The Mercantile Year-book and Directory of Exporters." The present edition shows an increase of 122 pages, and for the first time indicates the class of goods handled by the importers in 1,281 commercial centres of the world. The book has been very carefully revised, and special attention is directed to the Continental section and the "Black List" of enemy firms. In view of the commercial campaign which will follow the cessation of hostilities, the publication of the work is very timely.

"Mortar" and "Star" Cartons.—Ayrton, Saunders & Co., Ltd., 34 Hanover Street, Liverpool, are issuing artistic and distinctive cartons for certain of their products. One of the series has a brown surface, with a white label bearing upon a scarlet circle a mortar imprint as the mark. A second series has a grey surface with white label, the mark in this case being a blue circle and a star. Both series are for compressed tablets. In the grey series are Formalin and Mint, Chocolate Regulators, Easton's Syrup, and headache and neuralgia tablets, while the mortar series includes such tablets as aspirin and extract of cascara sagrada. The company inform us that they can supply the labels to chemists with practically any other pharmaceutical, and the design can be reserved for one pharmacist in each district.

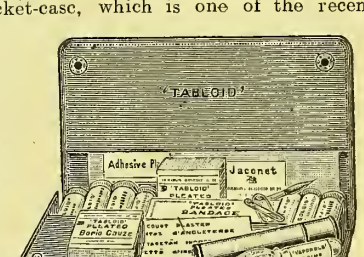
Monomet Preparations.—The White Band Manufacturing Co., Ltd., Progress Works, South Croydon, send us a complete set of the various packages in which Monomet photographic developer is supplied. These are (1) Monomet in bulk, packed in tins; (2) Monomet-quinol developing packets, ready for use; (3) Monomet Tank-Pak, for mechanical development; and (4) Monoquin developer in concentrated form. Each kind has its special use, and has been devised to save the photographer's time, while presenting a developer which keeps well in the form in which it is sent out. The White Band Manufacturing Co., Ltd., emphasise the fact that not only the developing agent but the whole of the materials are British made. This is an additional reason, apart from the merits of the developers, why photographic chemists should take a special interest in Monomet preparations. Showcards are supplied for exhibition in the shop. There is a special bonus offer for chemists.

Rodine Rat-poison.—The "Perthshire Constitutional" has recently published a description of Mr. Thomas Harley's factory in Perth, where weed-killers and Rodine rat-poison are manufactured and packed. The premises have recently been rebuilt according to special designs for the work, and our contemporary thus describes the making of Rodine:

"Ascending another flight of stairs, we pass into the manufacturing-room, where everything is in perfect order, thoroughly clean and equipped to meet the needs of the work and workers. The room is large, airy, well-lit and ventilated, the air being kept pure by means of two large electric fans. The machine being driven by motor-power, the 'Rodine' is made in large quantities and filled the same day to the number of from 4,000 to 5,000 tins of all sizes. The filling is done by hand, and the system adopted permits of that large number being handled easily and carefully."

Mr. Harley has certainly made a big success of this venture, and the fact that thousands of printing-blocks are stored for advertisements and circulars is not an unfair measure of this success. The circulars that he supplies to retailers are original, and help to sell Rodine.

Tabloid Medicine-case.—The illustration shows No. 131 tabloid medicine pocket-case, which is one of the recent additions to the series of medicine-cases supplied by Burroughs Wellcome & Co., Snow Hill Buildings, London, E.C. The size of the case is 6 × 3½ × 1⅝, and it shuts down flat like a book. It is suggested as very suitable for sale amongst Army officers and men. The prices vary from 13*s.* 6*d.* to 15*s.*, according to the covering of the case. If desired the contents can be varied from those usually supplied.



Scientific Progress.

Temperatures under this heading are on the Centigrade scale.

Detection of Poisonous Minerals in Water.—Fleury ("Journal Pharm. Chim." and "Journal of the Chemical Society") gives the following tests for the detection of injurious metals, etc., in clear, filtered water—any water which, after filtration, exhibits a distinct colour should be rejected as unfit for drinking. A test-tube is filled with the water and two drops of 10-per-cent. sodium-sulphide solution added; if the mixture remains clear, two drops of hydrochloric acid is added, when the formation of a yellow precipitate indicates the presence of arsenic. A fresh quantity of the water is then tested with saturated strontium-sulphate solution for the detection of barium salts. If sodium sulphide produces a coloration or precipitate, the addition of hydrochloric acid will discharge the colour or dissolve the precipitate if due to the presence of iron or zinc, the former giving a black precipitate and the latter a white one. Should the colour or precipitate not disappear on the addition of hydrochloric acid, the colour will indicate to some extent the metal present: it will be yellow with cadmium, orange with antimony, and black with mercury, copper, lead, silver, bismuth, or tin. The presence of cyanides is detected by heating the water with a few drops of hydrochloric acid in a test-tube, a strip of sodium-picrate paper being suspended in the upper part of the tube; the paper is coloured reddish-brown if hydrocyanic acid (cyanide) is present. Nitroprussides are detected by adding a drop of sodium-sulphide solution to the water. [Compare with the methods employed in detecting poisons placed in the wells of South-West Africa by the Germans, *C. & D.*, October 23, 1915, p. 46.]

The Flavine Patent.

At the Patent Office Court on May 11, the Comptroller-General (Mr. W. Temple Franks) and Sir Cornelius Dalton heard applications for licences to use Cassella's patent No. 24652 of 1910, "Improvements in the Manufacture of 3.6-diaminoacridine and its Derivatives." The applicants were Blandy Bros. & Co., 16 Mark Lane, London, E.C., Levinstein, Ltd., Crumpsall Vale Chemical-works, Blackley, Manchester, and May & Baker, Ltd., Battersea, London, S.W. Levinstein, Ltd., also applied for the avoidance of the registered trade-mark 327437 ("Trypaflavin") belonging to Leopold Cassella & Co., G.M.b.H. Mr. Carpmael represented Blandy Bros. & Co., Mr. Ellis Levinstein, Ltd., and Mr. Potts May & Baker, Ltd. Mr. T. McKenna watched the proceedings on behalf of Boots' Pure Drug Co., Ltd., whose application for the use of the patent is down for hearing on May 24. Mr. Ransford represented the patentees.

At the outset Mr. Carpmael asked leave to withdraw the application of Blandy Bros. & Co., as his clients, who are not chemists, could only undertake the manufacture under an exclusive licence or with preferential terms.

The Comptroller said that in matters of public interest it is difficult to take up the position that any one person is entitled to a licence.

Mr. Ellis then made his application for a licence to use the patent, and also for the avoidance of the trade-mark.

The Comptroller said he would like to take this opportunity to refer to a decision that has been arrived at regarding the names of patented articles. His remarks were as follows:

"Not only our attention here, but the attention of almost everybody who is concerned with drugs and the production of drugs, and the sale of all these patent medicines and of patented drugs, has been called time after time to the fact that the same drug is put upon the market under totally different names, and that their trade-marks are registered which are used practically after a considerable period as the name and the only practicable name of the article. The whole of that matter was gone into very largely in the Report of the Select Committee on Patent Medicines, where attention was drawn to the most extraordinary cases of the way in which a perfectly well-known chemical compound or drug is put upon the market under five or six different names. These names profess to be trade-marks, but, in fact, they are not trade-marks—that is to say, by their user they have gone out of the region of trade-marks and reached the region of being the name of the patented article or of the drug. It is very difficult to know what is the proper way of dealing with that, because it is quite obvious that the public are injuriously affected (and the Select Committee took that same view) by a procedure of that kind. You cannot put the same drug—a perfectly simple drug like hexamethylenetetramine or acetylsalicylic acid—on the market under six different names without a certain amount of deception of the public; it is impossible; and what eventually happens in all these cases is that one particular person, by careful advertisement probably, and by ingenious steps, gets the whole of the market by a popular name like aspirin, or a popular name like urotropine, and that is not fair either to the public or to the others who are quite properly and quite legitimately producing the drug. That is the evil. There are most salient instances given here in the Report of the Select Committee of the House of Commons, and they draw attention to what they call the absurd anomalies and curiosities of the present law. We are looking into the matter so far as trade-mark law is concerned. I will not say any more upon that for the moment. But here is a particular opportunity of putting in operation what we think should be the proper practice, and we have been supported in that, and very strongly supported, by the Medical Research Committee, who have expressly approached us on this matter. The Medical Research Committee are a Committee now under the National Health Insurance Commission, and they represent the best view of medical opinion, and their view is very strong that a drug of this kind should only be put upon the market, by all those who got licences, by all entitled to manufacture it, under the same name, and under no other name. You can use your own trade-mark if you like; that is to say, supposing this is called flavine, you can attach to the name flavine any other name you like, provided that is used as your trade-mark. You can call it the anything brand you like. But it is considered an absolute necessity, both for the public welfare and for the general purity of trade, that one name, and one name only, should be used for these patented articles. I need not remind those who are here that names of patented articles, and the use of the names of patented articles, are particularly fraught with danger, because the well-known rule of law is that the name of a patented article, or even a trade-mark which has been closely connected with and used as the name of the patented article, ought not to be, and cannot be, used after the expiration of the patent. There is all the more reason during the life of the patent, if there are any licences to be issued, that the same name, and the same name only, should be used, and that that name should be considered to be the name of the article, and not the trade-mark under which it is sold by the various proprietors or the various licensees who have the right to use it. That is rather a long preliminary discussion, but I wanted just to explain the position. We have been asked to do this, and I wish perhaps that we had really done it earlier in some of the other cases which we have had to consider; and the practical effect of that is this: that in any licence issued under this patent we feel it right and necessary to impose a condition that the article put upon the market by those are who licensees should bear the one name and one name only. Unfortunately the name flavine, which would have been a very useful name, is a bad name; it is the well-known name of a dye; and I think it comes back to this—that we must fall back upon what is the registered trade-mark at present, but which is really the name of Cassella."

Mr. McKenna thought there might be objections to this, as the substance made under the patent is used for a different purpose than that originally intended, so that the namo has a false application.

Mr. Ransford: The reports in the medical journals refer to the substance as flavine.

The Comptroller said that name is already used for a vegetable dye, whereas the advantage of "trypaflavin" is that the patented substance has been known by that already.

Mr. McKenna: The mark should be cancelled, or else it would allow the German owner to say that he is the registered owner of the trade-mark.

The Comptroller: The only danger, Mr. McKenna, really, of taking any other name is this, quite frankly, that after the war you will have Cassella introducing this article again under that name.

After further discussion, Mr. Potts remarked that the people who are to sell this product might meet together and decide on a name.

The Comptroller said they ought to consult the Bland-Sutton Institute. The particular product called flavine comes under the third claim in the patent-specification; any other drug put on the market which is not exactly the flavine drug should be called by some name approved by the Board of Trade; it might be called neo-flavine, for example.

Mr. Potts: It could be called ethyl, methyl, or propyl flavine, according to the organic group introduced into the molecule.

The Comptroller: Quite so, or by using a brand-name in the way Burroughs Wellcome apply kharsivan to their make of salvarsan.

The application of Levinstein, Ltd., was then proceeded with, Dr. Herbert Levinstein giving evidence in regard to his company. By the articles of association no foreigner is allowed to hold more than twenty-five shares. Levinstein, Ltd., have made flavine at the request of the National Health Insurance Commission. The manufacture is of a complex nature, owing to the number of processes involved. The outlay, exclusive of buildings and power, has reached between 1,700*l.* and 1,800*l.* The flavine made up to now has been presented to the National Health Insurance Commission and the War Office. He could not say what the price would be, as that would depend upon the scale of manufacture, and at present nobody can give an idea of what quantity will be required. The market price of the materials is very high at present.

Mr. Potts remarked that about fifty tons of iodoform, a somewhat analogous product, is sold yearly.

Mr. Carr thought that, considering that flavine is used in dilute solution, a ton would be a big quantity.

The Comptroller said that in regard to the royalty to be paid he thought that the amount payable on food and drug products should be on a smaller scale than in the case of an ordinary mercantile article.

Further remarks were made regarding the trade-mark, one of the applicants stating that the substance had not, as a matter of fact, been on the market under the name trypaflavin.

Mr. Potts then made his application on behalf of May & Baker, Ltd., and explained the peculiar property of flavine in attacking disease-germs whilst not injuring the delicate tissue or beneficial germs. This had been discovered by English investigators since the patent was taken out, and should be a ground for imposing only a very low royalty. The drug must be produced at a low rate to justify his clients taking up the manufacture.

The Comptroller said he thought those interested might confer as to a suitable name, or perhaps Dr. Levinstein might dedicate one of his suggested marks to the public.

Holiday & Co., manufacturing chemists and druggists, City Mills, Durham, have purchased the old-established business, stock, and book-debts of the late John Lambert, wholesale druggist, Elvet Bridge, Durham.

Mr. Silvio Radaelli, import and export agent, Via Ponte Reale 1-9, Genoa, informs us that his partnership with Sig. Armando Guano has been dissolved, and that he will continue the business in chemical products under his own name.

Observations and Reflections.

By Xrayser II.

The Taking of a False Step

may be due to one of several causes, either ignorance or negligence, to the calculated strategy of a great mind or the tactics of one that thinks it is great. In the case of the "False Step" referred to in your leading columns last week we can hardly assume that it is due to ignorance of the obligations enforced by the Charter, or to negligence, seeing that the question has been repeatedly asked in recent weeks, "What has become of the money?" I am, therefore, forced to conclude that the Council has come to the deliberate decision, for some ulterior purpose or other, to withhold information from the members of the Society how the funds in question are being disposed of. This is surely poor policy, for nothing will tend to encourage suspicion sooner than the notion that something is being hidden. No matter how innocent the whole affair may be, secretiveness is the surest way of defeating whatever end may be in view. I wonder whether the Council's decision means us to regard the accounts of the Central Checking Bureau as the private business of some Finance Sub-Committee which is to be responsible for its acts to no one but itself.

The Point you Make in Reply to Mr. Quant

with regard to the Preliminary disposes of the subject as one within the sphere of practical politics. To undertake new legislation for the purpose of enforcing registration on or before apprenticeship would be ludicrous, and I am not surprised that none of the candidates for election touches this proposition of Mr Quant's. May I take this opportunity of saying that I cannot conceive what your correspondent Mr. G. B. Hough means by including me, as apparently he does, among the opponents of education on the score of my note of May 5? My argument clearly was in favour of a higher view of education than that of merely qualifying a lad to pass an examination. I know what effect the setting of a particular book of Cæsar had on my own preparation for the Preliminary, and I judge that any too rigidly defined curriculum would have a tendency of the same kind. "Set" books are condemned now by the most enlightened educators, and with good reason.

The Special Supplement to "The New Statesman,"

to which you referred the other week, should be read in full by all our pharmaceutical organisers. Pharmacy hardly comes under the definition of a profession quoted in it:

"A vocation founded upon specialised education, the purpose of which is to supply disinterested advice and service for a direct and definite compensation, wholly apart from expectation of other business gain."

But this does not affect the question of pharmaceutical organisation, which, as it is exemplified in our Society, is one of the subjects dealt with. The writer takes too roseate a view of this organisation, and is not strictly accurate in all he says of its results; but, contrasting his account of it with that given of the British Medical Association, we may learn how defective it is from a protective point of view, and possibly how in some directions it might be improved or supplemented. Our Charter, as the writer sees, stands in the way of such a reorganisation of the Society as would make it as efficient a protection to our interests as the B.M.A. is to those of the medical profession; but there are features in the latter which we might copy with advantage.

The Synthesis of Glycerin

is not, as pointed out by you last week, an entirely new idea. If my memory is not at fault, glycerin has been prepared from one of the allyl bodies, just as allyl has been prepared from glycerin. So far, however, this method, like others—and Pasteur described one of the best of them—has only been a chemical curiosity, and the production of glycerin synthetically by a process that would be economically sound will indeed be, as you characterise it, a splendid achievement. There is nothing inherently improbable in the story. It is tolerably certain that the best grey matter in Germany has been hard at work on the problem for two years, and there need, therefore, be no surprise if the secret has at length been discovered. The pity of it is that the discovery has been made, if it has been made, in the search for an agent to aid in the destruction of human life and property, and not for use in the peaceful pursuit of science and trade. That such a motive has been the main source of inspiration to the Germans is surely the grimmest satire on civilisation that could be conceived. Having said so much, I take leave to suggest that we had better wait for further confirmation of the story before handing round the bouquets. We have heard of a good few "great discoveries" in Germany of late, and this may be one of the many such that are announced to keep up the spirits of the nation. The lack of artillery on the German front does not suggest the reliability of the story.

Personalities

(using the word in its worst sense) are the bane of controversy and the curse of politics. It is, as I have had occasion to point out before, easy to find matter of offence in an entirely legitimate, not to say necessary, personal criticism; but there is one kind of criticism which is always a mistake, and usually a real offence. It is the criticism of motives. We may justly complain of what a man says and does; to do so involves no personal animosity, and does not excuse any it may unintentionally excite; but when we begin to impute motives (of which in the nature of things we can know little or nothing) we do show a "personal bias," and give our opponent some reason for any reprisals he may make in kind. Our recent disputes may have been entirely free from this taint, but they show how desirable it is to avoid the very appearance of personal ill-feeling, the first symptom of which in ourselves is to suspect it in others. Let us in future think more of measures than of men.

The Chemistry of Rhubarb

has not, I understand, been exhaustively studied, but the plant has long been known to contain oxalic acid in addition to the calcium oxalate which occurs in the root. *Rheum Rhaponticum* is said to be more acid than *R. palmatum*, but Lindley, writing in 1846 of rhubarb generally, said, "Oxalic acid is copiously formed in both docks and rhubarb." Is there any reason to suppose that there is more of it in the leaves than in the stalks? Parkinson, who seems to have been the first to experiment with rhubarb as an article of food, tried the leaves first, and was led by their "fine acid taste" to suggest that "a syrup made with the juice and sugar cannot but be very effectual in dejected appetites." Rhubarb did not, however, "catch on" as a vegetable until the early years of last century. It is said that a Mr. Miatt introduced it to the London market about 1820, selling only three of the five bundles which made up his first consignment. Phillips speaks of it in 1822 as in great favour for spring tarts, and highly recommended by medical men for its cooling and wholesome properties. Evidently, however, it does not agree with everybody, and its leaves will be used with caution, if at all.

Information Department.

INFORMATION WANTED.

Postal or telephone information with respect to makers or first-hand suppliers of the undermentioned articles will be appreciated.

28/45. "New Matic" hair-brushes.
28/30. "Miss Flirt" perfume.
28/30. Brilliantine No. 320.
28/26. Ext. cinchonæ liq. (Colchester).
28/27. "Opticine."
31/11. "Gordon" safety-razor
29/74. Keene's pomade.
29/74. "Creme Monad."
30/25. Munyon's remedies: London address.
29/22. "Ivy Violet Medicine" for cancer.
30/24. "Brilliantine de Paris."
32/19. Safety-belts for Children (Conquest Mfg. Co.)

"SANITAS-CREOLEUM"

(WOOD PRESERVATIVE)

A unique preparation in three grades of Colour for preserving all forms of Wood and Woodwork against the inroads of fungoid and insect life.

In Tins, Drums, and Casks.

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"SANITAS" CO., Ltd.

Limehouse, LONDON, E.

Juniperwood Oil

The parcel has now arrived, and a limited quantity is still unsold.

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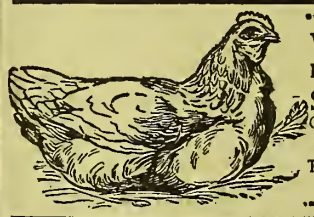

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Carbo ized. Liquid Our formulæ and labels. Sulph. Copper, &c.

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We solicit your Inquiries for—

Crushed Linseed (Mumford's quality, finest obtainable), Whole Linseed, Starch Powders (Maize, Wheaten, Rice and Potato), Glauber Salts, Hypo, Bi-Carb. Soda, Sulphur, Fuller's Earth, Tart. and Citric Acids, Cream Tartar, Kaolin, Liquorice Pdr. and Juice, Epsom Salts, Boracic Acid, &c., &c. Also 1d. Pkts. Fuller's Earth, Violet Pdr., Starch Pdr., Liquorice Pdr., Nursery Pdr., Boracic Acid Pdr., &c.

Sole Proprietors of "Pylitna Powders." the internal specific for Hæmorrhoids. Special terms for co-operation.

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PATENTS AND TRADE MARKS.

There are many worrying difficulties to be overcome in connection with the Registration of Trade Marks and the grant of Letters Patent which members of the Retail and Wholesale Drug Trade can avoid by consulting an efficient agent, who would undertake all the trouble for an inclusive fee and obtain protection in the United Kingdom and abroad. Advice in the first instance free. Pamphlets gratis.

56 Ludgate Hill, London, E.C. 4. REGINALD W. BARKER.

Editorial Articles.

An Historic Business.

THE OLD-ESTABLISHED BUSINESS of S. Maw, Son & Sons, druggists' sundriesmen, 11 Aldersgate Street, London, E.C., which has this week been converted into a private limited company (p. 37), has been established over a hundred years. The following dates show the steps in the evolution of the business, which has grown in size and scope with the passing years:

1807. Geo. Maw enters into partnership with his cousin, William Hornby, at 20 Fenchurch Street.

1814. Geo. Maw withdrew from the partnership and purchased the business of John Lowe, surgical-instrument maker, 49 Whitecross Street.

1820. Larger premises acquired at 55 Aldersgate Street.

1826. Geo. Maw's eldest son, John Hornby Maw, became a partner, the style of the firm being Geo. Maw & Son.

1828. Geo. Maw retired, and his younger son Solomon Maw joined the firm, the name being then changed to J. & S. Maw.

1834. Business moved to 11 Aldersgate Street.

1835. John Hornby Maw retired from the firm.

1844. Solomon Maw took a Mr. Stevenson into partnership, but the latter died within a few months.

1856 Premises burnt down.

1860. Charles Maw, son of Solomon Maw, admitted a partner, the firm becoming S. Maw & Son.

1861. Solomon Maw died.

1870. John Thompson taken into partnership, the firm name becoming S. Maw, Son & Thompson.

1877. Present Aldersgate Street frontage acquired; rebuilding completed in 1879.

1900. John Thompson retired and Henry T. Maw, M.D., admitted partner. Chas. Trentham Maw and Mowbray T. Maw were already partners.

1905. Chas. Maw died and Arthur T. Maw, Ph.C., admitted a partner, the firm name of S. Maw, Son & Sons being adopted.

1917. The business converted into a private limited company. The partners become directors, with the addition of A. F. Porter, general manager.

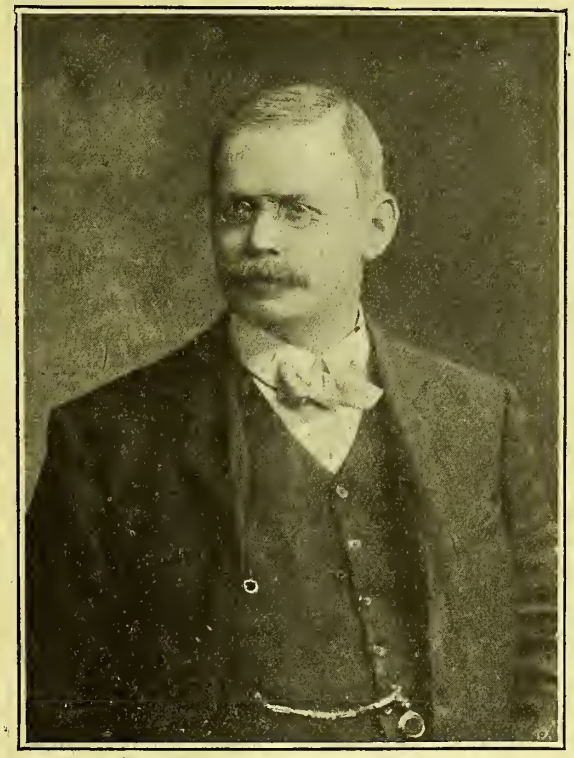
The conversion has been brought about for family reasons, and will not affect the management or conduct of the business. Mr. Porter, the general manager, who joins the company as a director, has been associated with the business for twenty-five years.

Peter MacEwan.

At 64 Southwood Lane, Highgate, N., on May 16, Mr. Peter MacEwan, F.C.S., Ph.C., Editor of THE CHEMIST AND DRUGGIST, aged sixty.

IT is with great regret we make this announcement of the death of Mr. MacEwan, which took place suddenly on Wednesday morning. Earlier in the year he had suffered from congestion of the lungs, but seemed to have recovered his normal health. He was at the office up to closing-time on Tuesday. It was whilst dressing on Wednesday morning that he was seized with apoplexy, and passed away shortly afterwards. Mr. MacEwan was born at Lochee, Forfarshire, on May 29, 1856, and was apprenticed to Mr. John Peebles, of that town, afterwards becoming an assistant with Mr. James Hardie, Dundee. He passed the Minor examination of the Pharmaceutical Society in 1878 and the Major in 1880, taking the various science subjects at Dundee Science Schools under Dr. Frank Young. In 1882 he was appointed Secretary in Scotland of the Pharmaceutical Society, and during his tenure of this office he had the opportunity of doing much original work in chemistry and pharmacy. His papers, which were very numerous, were contributed to the Pharmaceutical Society, the British Pharmaceutical Conference, the Edinburgh Chemists', Assistants', and Apprentices' Association, the London Chemists' Assistants' Association, and to the trade Press. The following are some of the titles of these contributions:

"Alkali Manufacture."
"Pungent Liniment of Iodine."
"Commercial Nitrite of Soda."
"The Indications of Alkalinity in the Estimation of Hydrocyanic Acid."
"Oleum Rusci."
"Spiritus Ætheris Nitrosi: Composition in Relation to Deterioration."
"Examination of some old Specimens of Sweet Spirit of Nitre."
"Tartaraline, a Cream of Tartar Substitute."
"Detection of Phenol in Creosote."
"Commercial Peruvian Balsam and the Methods for Ascertaining its Purity."
"Commercial Extract of Calabar Bean."
"Gambier and Baros Camphor of Johore."
"Oleo-Balsam from the Trunk of the Red Oleo."
"Natural Camphor Oil."
"Eucalyptus Oil."
"Bismuthi Citras, with an Improved Formula for the Preparation of Liquor Bismuthi et Ammonii Citratis."
"The Pharmacognosy and Chemistry of Calabar Beans."
"Note on Camphor Oil."
"Note on Sandalwood Oil."
"Note on Easton's Syrup."
"Our Vegetable Extracts."



MR. PETER MACEWAN, F.C.S., Ph.C.

These sufficiently indicate the wide range of subjects with which Mr. MacEwan dealt at this period. In many cases he settled points which had perplexed chemists for many years. In after-years he often looked back with longing to this period when he was enabled to indulge his bent for chemical work. That he obtained the respect of chemists with whom he came in contact is shown by the fact that when he resigned his position as Secretary in Scotland of the Pharmaceutical Society he was entertained at a public function and received a handsome presentation. Mr. J. B. Stephenson, who proposed the health of the guest of the evening on that occasion, said:

"What Mr. MacEwan has done for pharmacy and the North British Branch is well known to all of them. They have only to look around. Since the first day he came the museum and library have acquired a new character, and the arrangements for the interests of all parties—examiners, members, and students—have been conducted with an efficiency and a smoothness unknown before. He has invested his office with a dignity and importance which they had not thought it was capable of."

The occasion of his leaving Edinburgh was his engagement on the editorial staff of THE CHEMIST AND DRUGGIST. This was in 1885, just before the journal became a weekly publication. His new position opened out to him a much wider sphere of work and influence, and he threw himself heart and soul into the task of elucidating the many problems which were presented to him in his daily work. The contributions he made to pharmacy were merged into the anonymity of his position, but it is safe to say that he always advanced the knowledge of any subject which he took up. When, in 1899, the late Mr. A. C. Wootton retired from the position of editor, Mr. MacEwan was chosen by the proprietors as his natural successor. That the reputation of the journal has never been higher than during his editorship is sufficient indication of the wisdom of the choice.

Mr. MacEwan's versatility on all pharmaceutical subjects has been referred to, and this is also shown in the books he wrote. Among these is "The Art of Dispensing," first published in 1888, which has reached the ninth edition and has become the standard work in the English language on dispensing. "Pharmaceutical Formulas," which he brought out in 1898—the ninth edition was issued in 1914—is a larger work. It covers a wide range of knowledge, and contains many bright comments on the diverse topics with which it deals. He codified the Medicine-stamp Acts, the spirit laws, and other legal enactments dealing with aspects of the drug-trade. He was one of the leading exponents of pharmacy law, so that it was easy for him to detect the flaws in schemes of reform put forward by the more ardent spirits in pharmacy. In fact, his knowledge was encyclopædic in character; those who have worked with him for years have not fathomed its depth. Some chance remark would often awaken a stored-up reminiscence of experience, and generally this would be of a character

which would add materially to the information required. He was connected with most of the public bodies of the drug-trade. He was, for example, a corresponding member of the Société de Pharmacie, Paris; an honorary member of the Liverpool Chemists' Association; Secretary of the Commission on Variation in Activity of Potent Drugs (set up by the International Congress of Applied Chemistry in 1909); a member of the Chemical Society, the Society of Chemical Industry, the British Pharmaceutical Conference, the Pharmaceutical Society, etc. He was also connected with the Scottish Corporation, the Caledonian Society, and the London Forfarshire Association, and was an official of the Highgate Presbyterian Church.

Mr. MacEwan was a most strenuous and unselfish worker, generous to a fault, and possessed of one of the kindest of hearts. Ever ready to do a good action, it was done without ostentation. He was one of the best-known men in pharmacy, and had numberless friends, not only in this country, but in the United States, which he visited in 1893, on the occasion of the Chicago Exhibition. Pharmacy is the poorer for his death, as during his time he helped forward and supported every movement which had for its object the betterment of the conditions of the drug-trade.

His home life has been exceptionally happy. Mrs. MacEwan, whose charming personality is well known from her frequent attendance at drug-trade gatherings, helped and sustained him through cloud and sunshine. He leaves also three sons—who are all serving the country in the present war—and two daughters. The portrait which accompanies this notice was taken by Lafayette at the Dublin Conference in 1901.

We are asked to state that the funeral will take place on Saturday afternoon at Marylebone Cemetery, East End Road, East Finchley, London, N., at two o'clock, and the family would be glad if friends will kindly accept this intimation.

Venereal Diseases Bill.

This measure as it came from the Grand Committee of the House of Commons is a very different thing from what was introduced into it after being passed by the House of Lords. It will be remembered that in our issue of March 17 we severely criticised Clause 1 (2) of the Bill, which was as follows:

"(2) In any area in which this Act is in operation, a person shall not sell, offer for sale, supply, offer to supply, or dispense any drug or medicinal or other preparation as a remedy for venereal disease, unless the remedy is dispensed on and in accordance with the written prescription of a duly qualified medical practitioner, and is supplied for the use of the person for whom the remedy has been prescribed: Provided that nothing in this section shall affect

(*a*) the sale or supply of any such drug or preparation by, or to, a duly qualified medical practitioner; or

(*b*) the wholesale sale or supply of any such drug or preparation."

One result of our criticism was that many of our readers wrote to their members of Parliament about the matter, and when the second reading of the Bill came before the House of Commons several members used exactly the same criticism as we did, the result being that the objectionable sub-clause was deleted from the Bill by the Grand Committee, which has replaced it with the sub-clause to Clause 2 proposed by Mr. Glyn-Jones, the paragraph under this not being his, however. The whole clause is as follows (the italicised words are amendments proposed by Mr. Hayes Fisher and moved in the report stage):

"(2).—(1) A person shall not by any advertisement or any public notice or announcement offer to treat any person for venereal disease, or to prescribe any remedy therefor, or to give any advice in connection with the treatment thereof.

(2) *On and after the first day of November, 1917,* a person shall not hold out or recommend to the public by any public notice or advertisement, or by any written or printed papers or handbills, or by any label or words, written or printed, affixed to or delivered with any packet, box, bottle, phial, or other inclosure containing the same, any pills, capsules, powders, lozenges, tinctures, potions, cordials, electuaries, plaisters, unguents, salves, ointments, drops, lotions, oils, spirits, medicated herbs and waters, chemical and officinal preparations, whatsoever to be used or applied externally or internally as medicines or medicaments for the prevention, cure, or relief of any venereal disease.

Provided that nothing in this section shall apply to any advertisement, notification, announcement, recommendation, or holding out made or published *by any local or public authority or* with the sanction of the Local Government Board, *or in Scotland and Ireland the Local Government Board for Scotland and Ireland respectively,* or to any publication sent only to duly qualified medical practitioners or to wholesale or retail chemists for the purposes of their business."

The effect of Mr. Hayes Fisher's amendments of the last paragraph are disconcerting, but it will be perceived that he does not do away with the first intention of the provision—viz., that in cases of doubt reference to the Local Government Board of England, Ireland, or Scotland should decide the matter. Instead of "any publication sent out only to duly qualified medical practitioners or to any wholesale or retail chemists for the purposes of their business," it would be better that this part of the paragraph should read: "Any *bona-fide* medical or pharmaceutical publication or pharmaceutical trade list." This is the phraseology used in Clause 7 (2) of the Criminal Law Amendment Bill to cover exactly the same purpose, and in our opinion it better meets the intention. The wording was, however, stated by the Government to be too wide, and Mr. Rawlinson, who moved its insertion on May 15, withdrew his motion. The Bill was read a third time on that date (see p. 36).

Trade-marks Applied for.

The figures in parentheses refer to the classes in which the marks are grouped, for a list of which, with particulars as to registration, see "The Chemist and Druggist Diary," 1917, p. 220.

(*From "The Trade-marks Journal," May 9, 1917.*)

Device of cramp with words "Bestic Glue" ("Bestic" disclaimed), for liquid glue (1); "Oloso," for goods (48). By F. W. Coombe, Clarence House, Arthur Street West, E.C. 4. 377,344/331.

"Zivek"; for ointments (3). By D. Levinson, 40 Annalee Street, Belfast. 377,381.

"Tintro," for medicinal chemicals (3); "Blue Birn," for surgical instruments, etc. (11), leather, etc. (37), indiarubber and guttapercha goods (40), mineral waters, etc. (44); "Burnol," for surgical instruments, etc. (11). By Boots' Pure Drug Co., Ltd., Nottingham. 377,462/499/501/503/505/509.

"Thervac"; for vacuum-walled vessels (13). By American Thermos Bottle Co., 281 St. John Street, Portland, U.S.A. 377,194. (Associated.)

"Vigura"; for photographic-paper (39). By The Paget Prize Plate Co., Ltd., Watford. 377,040.

"Brown Bear Brand" over picture of same; for essential oils, etc. (42). By Linton, Hubbard & Andrew, 72-75 Fenchurch Street, E.C. 375,364.

"Grisette," for goods (47); picture of lady in crinoline on Scotch heath with words "Bonnie Brae Toilet Soap" and "The Scent of the Winn on the Heath," for soap (48). By C. Thomas & Brothers, Ltd., Bristol. 377,267/335. (Associated.)

"Artist" under picture of same; for perfumery, etc. (48). By R. Dixon & Co., Ltd., Canal Street, Rochdale. 376,632.

"Un Reve n'Autrefois"; for perfumery, etc. (48). By The Standard Tablet and Pill Co., Ltd., Hove. 376,851.

"Phenogreen"; for tooth powder and paste (48). By P. G. Curtis, 19 Victoria Place, Brightlingsea. 377,027.

"White Cat" in circle with picture of "Puss in Boots"; for an ointment (48). By National Chemical Works, Ltd., 2 Stanley Road, South Acton, W. 3. 377,132.

"Vaynol"; for goods (48). By Rock Chemical Co., Ltd., 25 Castle Street, Liverpool. 377,228.

"Jeunette"; for perfumery, etc. (48). By J. W. Biggs, Regency House, Warwick Street, W. 1. 377,353.

"Geraline"; for perfumery, etc. (48). By Stevenson & Howell, Ltd., 95A Southwark Street, S.E. 1. 377,531.

Picture of bull-dog and words "Bull Dog"; for pumice blocks (50). By Artificial Pumice, Ltd., 2A Wharf Road, Millwall, E. 14. 377,367/8. (Associated.)

Wills.

Mr. John Lambert, wholesale druggist, Elvet Bridge, Durham, who died on March 5, left estate valued at 3,378*l.* 11*s.* 9*d.* gross, with net personalty 726*l.* 18*s.* 4*d.*

Mr. Markham Cook, J.P., chemist and druggist, Abbey Park Road, Grimsby, who died on March 23, left estate of the gross value of 17,804*l.* 10*s.* 3*d.*, with net personalty 11,379*l.* 15*s.* 3*d.*

Mr. Albert Lazarus Guiterman, 36 Primrose Hill Road, Hampstead, N.W., and of S. Guiterman & Co., Ltd., Aldermanbury, E.C., who died on March 11, aged fifty, left property of the value of 18,776*l.* 7*s.* 2*d.*

PHARMACEUTICAL SOCIETY OF GREAT BRITAIN.

SEVENTY-SIXTH ANNUAL MEETING.

London, May 16.

In spite of war conditions still prevailing (as the President reminded us) to chasten our mood, there was a breezy feeling about the annual meeting at the Society's House on Wednesday afternoon. The theatre was well filled when the Secretary, the President, and the Vice-President filed in at 3 P.M. punctually, and, as usual, President White got to business at once. His speech was thoroughly businesslike, humorous (here and there), with a fine eye to skilful avoidance of thorny points. His announcement of the sudden death of Mr. Peter MacEwan came as a shock to all present, and created a visible sensation. The President gave a blackboard demonstration of the financial side of the report which was novel and illuminating, but if any criticism is in order, it may be said that the address was rather too lengthy. The somnolent effect was observable in the diffidence (at first) of the hecklers. After Mr. Wellesley Douglas had broken the ice, however, matters became more lively, and the usual condemnatory criticism of Mr. Knight was followed by a pertinent query from Mr. Schollar which caused a perceptibly tense situation for a few moments. Taken on the whole there was a live spirit about the proceedings that augurs well for the future of the craft.

The Address.

The President (Mr. Edmund White) was supported by the Vice-President (Mr. E. T. Neathercoat), the Secretary (Mr. W. J. Uglow Woolcock), Mr. W. H. Quarrell, the Society's Solicitor, Mr. W. S. Glyn-Jones, the Parliamentary Secretary, and most of the members of the Council. In formally moving the adoption of the annual report (which by agreement was taken as read), he said that, as customary, he would deal with the report in a broad and general spirit, discussing only the main points. He regretted that they had met under the same conditions (as regards the country) as prevailed last year.

Last year I expressed a hope (he said) that this year times would be more propitious, and that we should have returned to normal conditions. That is not the case, and we have now to present a report dealing with a year which has been very difficult. We have got a condition of things where the Society's business cannot flourish; we have no chance of excess profits, and our expenses are increasing both as to materials and labour. All these things are unavoidable, and we must do the best we can, and on the whole you will agree that your Council have acted wisely, and spent your money to the best possible advantage. The whole position has been very difficult for the Council to carry on, and I think, and hope you will agree with me, that they have done the best they could under trying circumstances. One point which stands out from the report and demonstrates that, broadly speaking, they have the members behind them is the membership. This is the highest on record in the history of the Society, and when we remember that this is in the third year of war, when guineas can be spent in many directions, it is a very gratifying situation altogether. And what strikes me is the very large proportion in Scotland. The increase is actually 280, of which 111 is in Scotland. Now, the Scotch people, as we know, never throw their money about, and I think that is another piece of evidence that if the Scotch people think it worth spending their money, we down in the South think it very good evidence that they are getting good value for their money. (Laughter.) When the war broke out I, for one, thought we should have an immediate slump. As a matter of fact, the Society's affairs have gone on pretty normally, and it is only in the third year of the war that we begin to feel the financial strain. I can say with all confidence that if the war lasts another year, or two or three, I am satisfied that, with the loyal support of the members, we shall come out sound in wind and limb, and with plenty of money. In regard to the examinations it is quite obvious that, as we might have anticipated, there has been a very large diminution in the number of candidates. This is a purely temporary condition. You know the demand for qualified men, and you know the reason they do not come up is that they are serving their country. That diminution of the number of candidates gives us no anxiety. In the school the same thing is reflected, and one feature has been the large number of women students. With regard to the bacteriology lectures these have been very satisfactory, there having been 120 tickets for the complete course. As for

The Curriculum,

that is a case where the Council have been very wise to wait. Any scheme must be one that meets the needs of the day. We must adapt our views to what is possible, and anything in the way of a curriculum which imposes a definite scheme of study is an improvement on the present system. I think the time has come when we shall have to go forward, and I hope within the next few months we shall be able to put before you a scheme complying with those two conditions.

Touching lightly on the question of work of national importance done by the staff research scholars, the President said that in many problems, particularly those dealing with contraband, some very good work had been done to the benefit of the country. Then herb-growing had received a new impetus, and a very good thing too. In this connection it was noticeable that Mr. E. M. Holmes and Professor Greenish had been called in as experts by various public bodies. Following on this subject he alluded to the Ransom Fellowship. Mr. Ransom and his family have been associated with the growing of medicinal plants for many, many years, and naturally Mr. Ransom's interest is in that direction, and the Fellowship has been made available for the investigation of vegetable drugs. For that reason the Fellowship will provide someone who will make a special study of these things, and it will all go to help keep alive our knowledge of the old drugs which run the risk of being forgotten. The rules have been framed so broadly that the Fellowship can be adapted to the needs of the time.

Parliamentary Representation.

"Now with regard to Parliamentary matters, and especially Mr. Glyn-Jones's retirement. Mr. Glyn-Jones has been an ideal representative, having indomitable energy and a deep knowledge of pharmacy law and practice. We are sorry that his health makes it necessary that he should retire. He can't stand the late hours in Parliament, but the Society are not losing his services altogether or the benefit of his unique experience. The Council propose that Mr. Woolcock should endeavour to secure a seat, and if, as we hope, he does become a member of Parliament, he can still retain his secretaryship of the Society, while Mr. Glyn-Jones—although not in Parliament—could still act as Parliamentary Secretary. There are so many ways in which Mr. Glyn-Jones could be useful in Parliamentary affairs although not actually a member. As for Mr. Woolcock, all members of the Society know his capacity, and recognise that he would make an ideal representative. He has the most intimate knowledge of the Society's affairs, and he can present the facts of the case in an eloquent and convincing way."

The President then went on to mention National Health Insurance matters, reminding the meeting that a Committee appointed by the Council was considering the question of increased remuneration and other cognate affairs, and the Council would endeavour to carry out the wishes of the Committee, provided these had a sufficiently strong backing. With regard to this question of remuneration, however, invidious comparisons had been drawn, and he would ask them all to remember that different conditions exist as regards prescribing and

dispensing in Scotland and in England, therefore the two countries require different treatment. The secret of future success in connection with increased remuneration lay, to his mind, in education of the public to the chemists' needs and requirements. It would be no use going to Parliament for a further grant unless members and the general public were persuaded that chemists had a good case.

As regards the prohibitions on glycerin and sugar, the Council were not able under existing conditions to hold out prospect of any amelioration for the trade. A Committee was appointed to consider the question of essential drugs after the war, and did good and hard work on the subject. Their report has been sent in, and will doubtless do them credit.

With a passing tribute to harmonious working with the North British Branch, the President then touched sympathetically on the loss to the Council and to the Society by the retirement of Mr. Harrison and Mr. Goode. He referred next to the good work done by the Benevolent Fund and Orphan Fund, made a graceful little speech of welcome to the new Editor of the "Journal" (Mr. J. P. Gilmour), and passed on to the larger subject of

Organisation.

The present system, he said, had served a very useful purpose. "It is not perfect, like all human systems, and, so far as I can see, our system is not at all likely to be accused of being perfect. I would specially mention, however, Parliamentary matters and the question of recruiting. The Council is very much obliged to the local Associations for the way in which they have managed recruiting business. It was one of the best pieces of work throughout the country. This is not a time at which we can afford to be divided. I, personally, would go a long way to avoid anything like a quarrel among ourselves."

Obituary.

With regard to deaths of well-known members during the past year he particularly mentioned three men as exceptionally well known. These were Mr. C. B. Allen, Mr. Charles Umney, and Dr. Paul.

"It is singular," he continued, "that I should have to mention after Dr. Paul (who was for so many years Editor of the "Journal") that since I came into this room I have been told of the sudden death this morning of Mr. Peter MacEwan, Editor of The Chemist and Druggist. Mr. MacEwan died at home this morning just before lunch. He was at business as usual last night until 5.30 p.m. Mr. MacEwan was very well known in pharmaceutical circles; he had often spoken in that room, and he was at one time the Society's representative in Scotland."

Financial.

The President's blackboard diagram of comparison between this year and last showed an increase in expenses amounting to 5,305*l.*, and an increase in receipts or a decrease in expenses to the total amount of 2,389*l.* He explained the why and the wherefore of each item as he chalked it down.

This took up some time, and after this demonstration he formally moved the adoption of the report and statement, and the Vice-President seconded in a sentence.

The Critics.

Mr. J. Wellesley Douglas (London) objected strongly to the proposed dual position in the case of Mr. Woolcock. He thought if Mr. Woolcock was elected their Parliamentary representative—as he (the speaker) sincerely hoped he would—that he should resign the secretaryship of the Society. In his opinion the Society should give Mr. Woolcock a good salary as their Parliamentary representative, but the position of Secretary should be independent. He was also of opinion that the Society should institute a fund to educate poor men in pharmacy.

Mr. F. B. Wride (Southampton) caused much laughter by agreeing with the previous speaker on the point he took, but for the reason that if Mr. Woolcock accepted the dual position he would never be at home. Mr. Wride then went on to urge on the Council the desirability of taking up more vigorously the question of the status of the pharmacist in the Army. His own son, he said, was a qualified pharmacist, but at present was a private soldier in a Dorset regiment. His special services were not wanted either in the Veterinary Corps or the Royal Army Medical Corps. The question of sugar is also of considerable concern to Mr. Wride.

Mr. J. T. Barrett (London) began by suggesting that the sincere condolences of that gathering should be sent to the wife and family of Mr. Peter MacEwan. Although he did not always agree with Mr. MacEwan, he thought everyone was bound to recognise that he was a man of outstanding capacity who dared say and do everything he thought right for the advancement of pharmacy. His death was a distinct loss to the trade in general, and he only hoped that others would spring up who would follow in Mr. MacEwan's footsteps and say freely what they thought of things. With regard to Mr. Douglas deprecating the fact of there being an election he entirely disagreed. He liked to see as many candidates and as many views as possible put forward year by year. He considered the Council arrangement regarding the retention of the services of both Mr. Glyn-Jones and Mr. Woolcock a splendid one.

Mr. G. J. Knight (London) desired to associate himself with the suggestion of Mr. Barrett to send condolences to Mr. MacEwan's family. He had always admired Mr. MacEwan and his fearless criticism of the wait-and-see policy paramount in that Society. He thought the report was a pitiful one, and if all the Council had done nobly then he was sorry. (Laughter.)

Mr. N. H. Schollar (South Kensington) said there was one point on which he was strongly in agreement with critics of the Council's policy, and that was on the question of publicity. Although he had no direct cognisance of the matter, it was perfectly evident to his mind that there was something behind the dignified speech made recently by Mr. Campkin when he was passed over for the Vice-Presidency. In all seriousness he asked for an explanation of the incident, as Mr. Campkin was a well-known public man, and it was quite apparent that he had been deeply hurt at some treatment he had received concerning which there had been no publicity. He would be glad if the President would tell them what happened.

A member from South Wales asked why they could not have territorial representation on the Council. If new legislation were required, was there anything that could be done outside to help?

Mr. Clement wanted to know the figures about the Checking Bureau. Were these to be given?

Mr. Whineray asked what came of the 2½ per cent. deducted from the 0.3*d.* allowance; and Mr. Croker wondered why the Council are so lavish in the way they spend other people's money.

Mr. Callam (East Dulwich) wanted to know whether the Council took any steps when positions are advertised for qualified assistants at low salaries.

Mr. Trick remarked that he had not heard a single kindly word about the Council, or of appreciation of the work they had done, and on which he congratulated them for their whole-hearted service.

Mr. White, replying on the discussion, said he disagreed with Mr. Douglas, and thought that education and examination should go together, and also that technical education must always be subsidised. As to representation in Parliament, the man most useful in the House would be the man who is familiar with the business from day to day. As to Mr. Wride's remarks, the Council are not satisfied with the standing of the pharmacist in the Army, and they are doing their best to remedy it. He was sorry that Mr. Schollar had introduced Mr. Campkin's name, but that is a matter he could not discuss. There were both statutory and Charter limitations in relation to territorial representation, and even if they were agreed, which they are not, it would require an Act of Parliament to give effect to the change. The Checking Bureau fund is not provided by the Society and is not under its control. He thanked Mr. Trick for the way in which he had championed the cause of the Council, but they were accustomed to criticism. If everyone who agreed with the report talked about it, they would have to sit all day. (Laughter.) The report having been adopted, Mr. White asked the meeting to adopt the vote of condolence with the relatives of the late Mr. MacEwan, which they did silently by rising in their places.

Scrutineers were then appointed to count the voting-papers, and the auditors were re-elected. A vote of thanks was passed to the Chairman.

Election Result.

The meeting then adjourned, and was resumed at 9 p.m. to receive the report of the scrutineers, which was as follows:

Voting-papers issued		8,842
,, not returned		4,545
,, received		4,297
,, disallowed, informal	61	70
,, ,, too late	9	
,, registered		4,227

The votes were distributed as follows:

J. R. Young	3,216
P. F. Rowsoll	3,024
J. F. Harrington	2,913
F. E. Bilson	2,855
J. H. Cuff	2,742
F. G. Hines	2,721
A. H. Jenkin	2,603
J. Kirkpatrick	2,586
W. H. Fowler	2,175

The CHAIRMAN thereupon declared the first seven to be elected, and, with the fourteen non-retiring members, to be the Council for the ensuing year.

A vote of thanks was passed to the scrutineers.

Association Affairs.

Huddersfield.—Mr. Vincent Shaw presided at a meeting of the Huddersfield Chemists' Association on May 15 The steps advised in a recent circular of the Pharmaceutical Society on Insurance matters were agreed to. It was decided to close the chemists' shops in Whit-week as follows: Monday all day, Tuesday at noon, Wednesday at 1 P.M. After a discussion on certain firms having advanced prices contrary to undertaking, the following resolution was adopted:

"That this Association expresses disapproval of a number of prices having been advanced by certain firms after the acceptance of orders at a definite price before their completion."

Lancaster.—The annual meeting of the Lancaster Pharmacists' Association was held on May 15. In the unavoidable absence of the President (Mr. F. N. Whitehead), the chair was occupied by Mr. W. Arkle (ex-President). The secretarial report referred to the revision of the rules of the County Association, and stated that the membership of the Association is now twenty-seven. One of the members (Mr. Norman Blacon) is now a staff-sergeant in the R.A.M.C. at Malta, and sends interesting letters from time to time to the Secretary. The report was adopted. The balance-sheet showed a substantial sum in hand. The officers were elected as follows: *President*, Mr. F. N. Whitehead (Morecambe); *Vice-President*, Mr. J. Vince (Lancaster); *Hon. Secretary*, Mr. J. B. Shattock (Prospect Street, Lancaster); *Treasurer*, Mr. W. Gorst (Lancaster); *Auditor*, Mr. A. T. Maxwell (Lund & Co., Lancaster); *Committee*, Mr. H. Troughton, Mr. R. S. Angus (Lancaster), with officers. An interesting discussion took place regarding the Venereal Diseases Bill, the meeting expressing great dissatisfaction at the provisions of the Bill on the ground that the doctors are trying to get a monopoly of dispensing. It was reported that Sir N. W. Helme, M.P., had been approached on the matter.

London Co.—A meeting of the Executive Committee of the London County Pharmaceutical Association was held at 17 Bloomsbury Square, W.C., on May 15, Mr. A. R. Melhuish (Vice-President) in the chair. The acting trade Secretary for the county, Mr. C. Breese, reported on the advance in price of Ashton & Parsons' homœopathic preparations. The Committee endorsed the action taken, and expressed satisfaction with the fixing of the minimum retail price at 7*d*. The glycerin and syrup question was again considered. A letter from Mr. Thompson expressing his willingness to continue a member of the Executive until July was received with satisfaction. The Committee decided that standing orders should be adopted, and Messrs. Barnard, Hearle, Shirtliff, President, Vice-President, and Secretary, were appointed to prepare a draft for submission to the next meeting. The adoption of the Organisation Sub-Committee's report was moved and finally agreed to. Other reports were received.

London (N.).—The annual meeting of the North London Pharmacists' Association was held on May 10, Mr. C. W. Matthews (President) in the chair. After the reports of the Secretaries had been dealt with the President delivered his valedictory address. The election of officers then took place as follows: *President*, Mr. Hugo Wolff; *Vice-President*, Mr. J. C. Carter; *Treasurer*, Mr. H. G. Mumford; *Secretary*, Mr. Herbert Skinner; *Financial Secretary*, Mr. A. H. Jenkin; *Trade Secretary*, Mr. J. Hearle; *Auditor*, Mr. C. T. Bennett; *Committee*, Messrs. Bowie, Andrew, Webster, Anderson, Bromley, Burgess Dow, Matthews, Honiatt, and Humphrey. The ward officers were re-elected *en bloc*. The arrangements for the bowling competition were announced, and it was stated that the Glaxo Company are presenting a challenge cup for inter-association play and that Mr. Skinner (Editor of "The Script") is to present a pair of bowls. An acknowledgment of the donation to the Great Northern Hospital was read, and votes of thanks were accorded to the officers of the Association for their services during the past year.

London (S.W.).—At the meeting of the South-West London Pharmacists' Association, which was held on May 8, Mr. W. H. Goy (President) in the chair, Messrs. Jenkin and Kirkpatrick addressed the meeting in furtherance of their candidature for the Pharmaceutical Council. Questions were afterwards asked by Miss Buchanan, Messrs. Glew, Ingham, Skues, Noad Clark, Jennings, Yeoman, Sparks, Keall, and the Secretary (Mr. C. Breese). Mrs. Irvine, superintendent of the South-East Pricing Bureau, and Mr. J. T. Humphrey were elected members.

Middlesex.—A meeting of the Executive of the Middlesex Pharmacists' Association was held at the Holborn Restaurant, London, W.C., on May 9, Mr. Herbert Skinner in the chair. Various matters connected with organisation were mentioned by the Secretary, Mr. Wolff, who has given evidence before the Pharmaceutical Society's Sub-Committee. It was agreed that the Executive should meet in alternative months for the present.

Royal Institution.—The Friday evening discourse on May 11 was by Professor John Joly, F.R.S., the subject being *Radioactive Haloes*. These are certain minute objects, only seen under the microscope, which are found in some minerals and are darkenings or haloes due to the radioactive influence of particles of such a substance as zircon. There are two different-sized haloes, according to whether uranium or thorium is the parent substance. Radium C, the most active of the seven products of uranium, travels a shorter distance than thorium C_2, the chief agent in the case of thorium. By means of the lantern, photographs and diagrams were exhibited to show the structure and stages of development of haloes. In co. Carlow granite Professor Joly has found markings due to the emanation travelling up cracks or tubes in the mineral. After showing that the haloes exhibit phenomena similar to reversal and solarisation in photographic plates, the lecturer entered into some very interesting speculations as to whether evidence of the age of the earth could be deduced from haloes. The geological age of the earth has been found by various methods to be a hundred million years. These methods depend upon a calculation of the sodium chloride in the sea, alteration in the heat of the sun, and other astronomical methods. Lord Kelvin's deduction from the rate of cooling of the earth has been nullified because no account was taken of the influence of radioactive substances in maintaining the heat. By the radium method Rutherford made the age of the earth one thousand five hundred million years—a rather serious discrepancy even in geological calculations. Soddy by the thorium method made it one hundred and forty million years. Lead, which is the end-product of both uranium and thorium disintegration, has a different atomic weight according to the source, the mean of the atomic weights being that of ordinary lead. It was concluded that uranium has changed its range in the course of geological time.

Swansea.—A meeting of the Swansea and West Glamorgan Chemists' Association was held at the Hotel Cameron, Swansea, on May 10. Among the matters discussed were the position of chemists in regard to military service, the pharmaceutical election, and the Federation of South Wales and Monmouth Associations. It was decided to support the Federation to the fullest extent. The military position of chemists was considered at some length, some members complaining bitterly of the different treatment meted out to company-shop managers and to private chemists' branch managers. The retail prices of various drugs were discussed, difficulty being found in pricing articles which are sold in many cases before the arrival of the invoice.

West Bromwich.—The Executive Committee of the West Bromwich Pharmaceutical Association met at Mr. Beattie's on May 8, the President (Mr. Beattie) in the chair. Retail prices were again adjusted to market fluctuations, a ruling being made that no liquids at 4*d*. per oz. or above are to be sold in less amount than twopennyworth unless in a mixture. Mr. Woolcock's letter of April 27 *re* Venereal Diseases Bill was referred to, and, regarding his suggestion to write local member of Parliament in defence of Mr. Glyn-Jones's amendments, it was stated that Mr. Barnes had, owing to urgency, written to Mr. Thorne, M.P. for Wolverhampton, the local member being on service with the Army.

Insurance Act Dispensing.

Reports from Local Centres.

ENGLAND.

Blackburn.—The Insurance Committee has received a letter from the Pricing Bureau calling attention to prescriptions of local doctors ordering cocaine, and pointing out that such prescriptions violate the Defence of the Realm regulations in that they were not marked with the words "Not to be repeated" or the date of the dispensing. This has led the Committee to circularise chemists and doctors on the panel emphasising the necessity of conforming to the regulations. A comparative statement which has been issued on Medical Benefit shows that in 1913 there were 213,263 prescriptions, costing 7,043*l.*, an average of 7.2*d.* In 1916 there were 152,985 prescriptions, costing 3,814*l.*, or an average of 5.98*d.*

Gloucester.—At the last meeting of the Insurance Committee, a report was given of a visit paid by the Clerk to the South-Western Joint Pricing Committee at Bristol. The Gloucester prescriptions dealt with in the nine months up to September 30 numbered 26,053, and the cost of pricing was 36*l.* 4*s.* 9*d.* Gloucester had the highest average cost per prescription and per insured person in the area.

Middlesex.—A meeting of the Pharmaceutical Committee was held at the Holborn Restaurant, London, W.C., on May 9, Mr. Herbert Skinner in the chair. Some discussion ensued on military service and the report of the deputation of the Committee to the Tariff Investigation Committee. Suggestions were made which it is hoped will lead up to better terms in the future. The report of the checking supervisor was also before the meeting. From this it appears that the number of scripts received for March was 75,627, and the average cost as priced was 6.841*d.* per script; there were 87,616 prescriptions, the average cost, including the special war allowance, being 5.904*d.* A very low percentage of errors was noted when the pricing was checked, the average being below 0.5 per 100 scripts, reckoning errors both ways. Re-assessment of the prices on the basis of the old Tariff arrangements, for the third quarter of 1916, gave practically the same result as for the first and second quarters of that year, and continued to show that Middlesex chemists have been much underpaid for 1916 as compared with 1915. There have been no complaints with regard to accounts during the month of April, but a larger number of accounts than usual had been sent in late. Chemists whose accounts were received late will not receive their usual advance payments.

Preston.—At the meeting of the Insurance Committee on May 10, Mr. Dickinson, chemists' representative, contended that by the system in vogue in connection with the dispensary, insured persons are, under the distribution of medicine, to be deprived of benefits, and he moved an amendment to the following resolution—that a payment of 200*l.* be made to the Corporation by the Committee towards the cost of the dispensary for the year ended March 31, 1917—that 50*l.* be withheld until the benefits indicated be obtained for insured persons who made use of the dispensary. Mr. J. W. Hoyle seconded, and said it came as a surprise to him that at the dispensary they had stock mixtures. This indicated that medicines are not being issued in the requisite variety to meet the progress or otherwise of the various cases. Dr. Hewat said no one is more averse than he is to the use of stock mixtures in the way suggested. Every doctor has his own favourite prescriptions, and it is easier to have one or two favourite prescriptions made up in bulk instead of writing out fresh prescriptions every time. The amendment was defeated.

Note.

The Advisory Committee.—A deputation from the British Medical Association waited on the National Health Insurance Commission on May 3 to place before the Commission the views of the Association on the new Advisory Committee. Dr. Brackenbury said that the result of the recent reorganisation of the Advisory Committee is that it now represents practically the Approved Society side only. He contended that medical men are more in touch with insured persons than officials of societies, and should be represented on the new statutory Advisory Committee. It was suggested that the selection of medical representatives should be entrusted to the British Medical Association. From fifteen to eighteen members of the medical profession would be a proper number for the purpose. Sir Edwin Cornwall said that no meeting of the Advisory Committee for statutory purposes would be held until the question of medical representation has been settled in one way or another.

Trade Report.

he prices given in this section are those obtained by importers or manufacturers for bulk quantities or original packages. To these prices various charges have to be added, whereby values are in many instances greatly augmented before wholesale dealers receive the goods into stock, after which much expense may be incurred in garbling and the like. Qualities of chemicals, drugs, oils, and many other commodities vary greatly, and higher prices than those here quoted are charged for selected qualities of natural products even in bulk quantities. As a result of the War wholesale houses have had to contend with many fresh difficulties, some of which have involved greatly increased expenses. Shortage of labour with higher wages (equal to almost double pre-war rates) has a direct effect upon values of goods, as also have railway carriage, freights, cartage, and other charges. The foregoing and other incidental outlays prevent retail buyers purchasing at the market prices quoted here.

42 Cannon Street, E.C. 4, May 17, 5.30 p.m.

Business in chemicals and drugs is distinctly on the quiet side, with an absence of any features of note. Quinine is still a centre of interest in view of the requisitioned stocks, but business for consumption is now proceeding as usual. Phenacetin and formaldehyde stocks are still held up pending further Government action. Among chemicals, arsenic is still very firm; demand for salicylates remains good, and prices are tending firmer. American prices are 10c. dearer, and bromides have also advanced 5 cents on the other side. Vanillin is firmer. In essential oils, clove has sharply advanced; foreign coriander and hand-pressed lime oils are dearer. Lemon and orange oils are quiet and on the easier side. Acacia gums are cheaper owing to large arrivals of Sudan sorts; copal and kauri have been prohibited from importation except under licence. Menthol is dull, and opium very firm. Cream of tartar is still advancing.

Higher	Firmer	Easier	Lower
Clove oil Cloves Coriander oil Cream of tartar Ginger (Cochin) Lime oil (h.p.) Peach-kernel oil Turpentine	Agar-agar Bromides (U.S.) Salicylates Vanillin	Anise oil (c.i.f.) Lemon oil Orange oil	Gum acacia Vanilla (firsts) (auction)

Cablegrams.

Bergen, May 17.—The Finmarken cod-fishing continues poor. The total catch of cod is now 22,700,000, against 43,900,000, and the yield of steam-refined oil 32,850 barrels, against 52,220 barrels at the same period of last year.

New York, May 16.—Business is quiet. Menthol has advanced to $3.10 per lb., and Cartagena ipecacuanha to $2.00. Mexican sarsaparilla dearer at 25c., as is gentian at 15c. Balsam peru is again higher at $4.00, and for belladonna-leaves the advanced rate of $1.60 is asked. Salicylates are 10c. per lb., and bromides 5c. per lb. higher. Balsam tolu is lower at 30c.

Acetic Acid remains unchanged, with the demand for pure still on the slow side.

Agar-agar is firmer, with sales of No. 1 strip at 2*s.* per lb. c.i.f., with 2*s.* 1*d.* asked.

Anise Oil, Star, is easier, with "Red Ship" offering at 3*s.* 4½*d.* on the spot, and to arrive 3*s.* 2*d.* c.i.f. has been paid.

Arsenic remains very dear at from 75*l.* to 80*l.* per ton for Cornish.

Barbitone is getting firmer again, with 115*s.* net asked for small lots.

Benzonaphthol.—A little of British make is now on the market again, and 100*s.* per lb. is asked.

Bromides are unchanged with a fair demand, stocks remaining small. Potash crystals offer at 6*s.* 3*d.*, and granular at 6*s.*; soda is 2*s.* 9*d.*, and ammon. 4*s.* 3*d.* per lb.

Calumba is still very scarce. Sales of ordinary sorts have been made at 65*s.*, and for washed pickings 80*s.* is wanted.

CAMPHOR.—The exports from Japan during February were 211,634 kin, valued at 326,107 yen. During the two months ended February 28 the shipments were as follows:

	1915	1916	1917
Kin	470,742	998,463	471,180
Yen	430,249	819,424	673,134

The destinations were as follows:

	1915 Kin	1916 Kin	1917 Kin
British India ...	209,097	220,859	95,114
Asiatic Russia ...	10,361	24,484	—
Great Britain ...	28,518	259,474	16,178
France	64,789	104,298	—
United States ...	94,476	364,975	345,361
Australia	39,853	11,215	331
Other countries ...	23,648	13,158	14,196
	470,742	998,463	471,180

CASTOR OIL.—In further reference to the price of 80*l.* per ton fixed by the Controller of Oils and Fats for castor oil, this is understood to refer to "first-pressing," and applies to lots exceeding 1 ton, and a licence to trade must be applied for to the Controller. A licence is not required for the sale or purchase of lots not exceeding 1 ton, providing that the total quantity of sales or purchases in any one calendar month does not exceed 5 tons. We understand that licences to trade are being granted freely for home consumption, but for export the Controller has notified that a special licence to sell is required, and that the grant of such a licence will not enable the oil to be exported without a further grant of an export licence by the War Trade Department. This applies to all the oils specified in the Order of May 1. The price of Hull makes of castor oil of first pressing in barrels is 84*s.* per cwt. for spot and to August, while for pharmaceutical quality the spot values are from 92*s.* to 94*s.* In Liverpool, good seconds Calcutta is quoted 7¾*d.* per lb.

CINCHONA.—The bark shipments from Java to Europe during February amounted to 441,249 Amst. lb., against 1,562,764 Amst. lb. in 1916, which brings the total shipments for January-February to 3,128,749 Amst. lb., against 2,089,729 Amst. lb. during the corresponding period of 1916. At the auction of Java pharmaceutical bark held at Amsterdam on May 2, 1,616 packages, consisting of 1,028 bales and 588 cases, were offered, the total weight being 94,405 kilos., with a quinine-content of 2,596 kilos.; of this quantity 269 bales and 173 cases, weighing 22,993 kilos., with a quinine-content of 546 kilos., sold; the prices paid ranged from 23¾c. to 69¾c. At the tender held at Amsterdam on May 2 the quinine-factories bought the equivalent of about 62,084 kilos. quinine. At the London auction held on May 15 the demand was slow; 63 bales East Indian offered and 17 sold, comprising Succirubra chips at 11⅛*d.*; 169 bales Calisaya were offered and bought in.

CITRIC ACID is still obtainable on spot at 3*s.* 6*d.* per lb.

CLOVE OIL.—English drawers announce an advance to 7*s.* 4*d.* per lb. for small lots. In dealers' hands many of the cheaper parcels have now been sold, but there is still some offering below the first-hand prices.

CLOVES are again dearer, holders asking 10⅞*d.* for fair Zanzibar on the spot, at which sales have been made. Business for delivery includes June-August at 10½*d.* to 10 11/16*d.*, and to arrive, May-July shipment at 9 15/16*d.* c.i.f.

COCA-LEAVES.—During February 1917 no coca was shipped from Java to Europe. At auction at Amsterdam on May 2 360 packages, weighing 20,625 kilos., with a total alkaloidal content of 313 kilos., were offered on N.O.T. conditions. The average percentage was 1.52, against 1.46 in January 1917. Of the above, 72 packages, weighing 5,610 kilos., with a total alkaloidal content of 103 kilos., sold at from 36c. to 37¾c. the average unit being 20.09c. per half-kilo., against an average of 14.45c. over 1916.

COD-LIVER OIL.—Our Bergen correspondent writes on April 30 that the Finmarken cod-fishing is in a very backward condition compared with previous years. For instance, the number of fishermen employed is below 4,000, against more than 8,000 at the corresponding date of 1916, and the catch is quite insignificant. The official report gives the following totals for all cod-fisheries up to the end of April:

	1914	1915	1916	1917
Catch of cod (millions) ...	63.0	53.3	41.7	21.5
Yield of c.l.o. (hect.) ...	46,900	43,200	50,000	31,700
Liver for "raw" oils (hect.)	9,000	7,400	4,600	3,200

Writing again on May 7, our correspondent reports that the Finmarken cod-fishing is making but very slow progress. Last week's catch did not even reach half a million cod. In former years, with good fishing, a catch of five to six millions per week or even one million per day was usual. The total output of our cod-fisheries up to May 7 were:

	1914	1915	1916	1917
Catch of cod (millions) ...	64.3	55.3	42.5	21.9
Yield of c.l.o. (hect.) ...	47,900	44,800	51,000	32,000
Liver for "raw" oils (hect.)	9,050	7,550	4,650	3,250

"Morgenbladet" (April 16) has good reason for believing, though as yet without official confirmation, that concessions are likely to be made in regard to the German danger zone on the Finmarken Coast, making it a uniform curved line, leaving the entrances of fjords free. This would allow of the resumption of the Finmarken fishing industry, the restriction of which, consequent on the earlier announcement, had caused great bitterness.

CORIANDER OIL.—Foreign distilled is dearer at 56*s.* per lb. from first-hands.

CREAM OF TARTAR is extremely difficult to obtain—there are buyers at 230*s.* per cwt.

ERGOT is quiet at from 1*s.* 10*d.* to 1*s.* 11*d.* per lb. for Russian, and at 2*s.* 3*d.* for Spanish on spot.

FORMALDEHYDE.—Business is still suspended in the open market pending further Government action.

GALLS.—Chinese are very scarce on the spot, and sales of ordinary have been made at 6*l.* per cwt.

GUM ACACIA.—Large arrivals, chiefly Sudan, have taken place in this market, and spot values are lower, with Sudan sorts offering at 62*s.* 6*d.* per cwt. for fair sorts and 65*s.* for cleaned.

GUMS (VARNISH).—The importation of copal and kauri has been prohibited except under licence from the Board of Trade. On April 31 the stock of kauri was 200 tons, which is comparatively small, but of copal the stocks are extremely large, over 20,000 packages.

HEXAMINE has been selling more freely of late at prices varying from 3*s.* 6*d.* to 3*s.* 9*d.* per lb., with 4*s.* asked in some directions.

INSECT-FLOWERS.—Japanese of average quality offer at 170*s.* per cwt. on the spot.

IPECACUANHA is steady, with Matto Grosso offering at 10*s.*, likewise Cartagena, with sales at the price. Johore is 9*s.* 6*d.*

LEMON OIL is quiet, with genuine offering at from 3*s.* 2*d.* to 3*s.* 3*d.* per lb. c.i.f., and spot at 3*s.* 8*d.* to 3*s.* 9*d.*

LIME OIL is dearer for hand-pressed, 17*s.* 6*d.* being wanted.

LIQUORICE-ROOT.—Decorticated sticks offer at 105*s.* per cwt. on the spot.

MENTHOL continues dull, with sellers of Kobayashi-Suzaki at 12*s.* per lb. spot. The exports from Japan during February amounted to 31,591 kin, valued at 202,537 yen. During the two months ended February 28 the exports were:

	1915	1916	1917
Kin	65,281	81,658	48,006
Yen	335,762	512,508	316,374

The destinations were as follows:

	1915 Kin	1916 Kin	1917 Kin
British India	6,656	3,214	801
Great Britain	12,887	42,377	13,088
France	14,189	9,946	—
United States	22,387	23,410	31,157
Other countries ...	9,162	2,711	2,960
Kin	65,281	81,658	48,006

MILK-SUGAR remains firm at from 195*s.* to 200*s.* per cwt. on the spot.

MINT OIL.—The exports of dementholised oil from Japan during February were 4,527 kin, valued at 9,868 yen. During the two months ended February 28 the exports were:

	1915	1916	1917
Kin	81,198	80,189	13,038
Yen	147,267	183,324	29,131

NAPHTHALINE.—Flake is offered by dealers at 32*s.* 6*d.*, and marbles at 55*s.* per cwt. on the spot.

NUX VOMICA.—Fair arrivals have taken place, but the bulk has been sold to arrive.

OLIBANUM is quiet, from 110*s.* to 130*s.* per cwt. being quoted for fair to good drop, 25*s.* to 30*s.* for garblings, and 40*s.* for good siftings.

OPIUM remains firm at from 40*s.* to 41*s.* per lb. for 10-per-cent. Persian, and 11½-per-cent. Turkish is from 39*s.* 6*d.* to 40*s.* per lb. net, both on spot: stocks are very small.

ORANGE OIL.—Sicilian is offered at the easier rate of 8*s.* 6*d.* per lb. c.i.f. to arrive.

PEACH-KERNEL OIL is dearer at from 1*s.* 4*d.* to 1*s.* 5*d.* per lb., but the price is nominal.

PEPPERS are firm but quiet, with sellers of fair black Singapore at 11*d.*, white ditto at 1*s.* 0½*d.*, and Muntok at 1*s.* 1*d.*

Phenacetin.—Stocks are still under the Government prohibition, as their intentions have not yet been declared, but several holders have had intimation that their parcels have been released.

Phenazone is unchanged at last week's prices, but there is very little stock here.

Potash Iodide.—The exports from Japan during February amounted to 9,035 kin, valued at 60,797 yen. During the two months ended February 28 the exports were:

	1915	1916	1917
Kin	34,318	28,447	17,180
Yen	250,395	211,595	110,099

The exports of *crude iodine* during February were 2,192 kin, valued at 19,343 yen, and during the two months ended February 28 the exports were:

	1915	1916	1917
Kin	1,185	150	2,511
Yen	8,808	722	21,838

Quinine.—The Government appear to have satisfied their requirements for the time being by requisitioning a goodly proportion of the stocks of several of the leading Mincing Lane dealers and operators, from whom it is estimated they have acquired between 400,000 oz. and 500,000 oz. at various prices (including a large quantity at 2*s.* 6*d.* per oz. net) and even at a much lower figure, this depending on the cost. This drastic action on the part of the Government has, of course, quite put a veto on speculation in Mincing Lane, and when the opportunity presents itself operators will probably turn their attention to articles of less vital necessity. Meanwhile there is a feeling of soreness in certain quarters at the arbitrary action of the Government, and the profit left in some instances appears to resolve itself into a mere brokerage on the cost price. There has been a further release of the stocks held by wholesale druggists, manufacturing chemists, and smaller dealers, a guarantee having been given that they may dispose of their stocks as they wish. This especially applies to those engaged on Government work to whom preference is being given, so that trade among consumers is going on much as usual. Since the Army Council Order was issued the Mincing Lane price has been and is still nominal.

Salicylates.—The demand for salicylic acid is fairly good, and, in view of the few arrivals and less competition from the United States, a gradual improvement in prices may be seen. Acid-powder is still obtainable at from 4*s.* 3*d.* to 4*s.* 6*d.*, and sodium salicylate is still scarce at 6*s.* to 6*s.* 3*d.* for powder. One reason for the firmer position of the American market (says the "N.Y. Commercial") is the fact that manufacturers have found it possible to utilise the same machinery used in the production of salicylates for turning out higher-priced pharmaceutical products. Many of them have turned their attention to the benzoates and acetphenetidin instead of salicylates.

Salol is quoted at 8*s.* 6*d.* to 9*s.* net on the spot, with second-hand holders shading these prices. Stocks are gradually diminishing.

Shellac has continued very quiet, with small sales on a basis of 221*s.* to 222*s.* for usual standard TN Orange quality. Fine Orange has been sold at 295*s.*, and blocky AC Garnet at 227*s.*

Soda Hyposulphite remains firm at 19*l.* 10*s.* to 20*l.* for ordinary crystals, with pea size still advancing.

Soy.—Stocks have been practically cleared out on the spot, with 4*s.* 3*d.* paid for single casks.

Sulphur.—In further reference to the Ministry of Munitions notice published last week it will be seen that the fixed prices apply to imported lots of not less than 5 tons. Apart from this the quotation in dealers' hands for small parcels is from 35*l.* to 37*l.* 10*s.* per ton for Sicilian flowers and 27*l.* 10*s.* to 30*l.* for roll ex wharf.

Tartaric Acid is obtainable on spot at from 3*s.* 1*d.* to 3*s.* 2*d.* per lb.

Turpentine has been active and dearer, American closing at 55*s.* per cwt. on spot, an advance of 2*s.* 6*d.* on the week.

Vanilla.—At auction on May 10, 1,216 tins, mostly Seychelles, were offered, of which about 900 tins sold. First qualities were 6*d.* to 1*s.* per lb. lower, while foxy brown and split were firm, the following prices being paid: Seychelles, firsts, 4 to 8½ in. 6*s.* to 9*s.* 3*d.*, 3 to 7 in. 5*s.* to 7*s.*, fair 3 to 8 in. 4*s.* to 7*s.* 9*d.*: seconds, good 3 to 8 in. 4*s.* 6*d.* to 6*s.* 6*d.*, foxy brown and split, 4*s.* 3*d.* to 6*s.* *Mauritius*, 18 tins offered and 11 sold, including fair firsts 4 to 6 in. 5*s.* 9*d.* to 6*s.* 3*d.*, foxy brown and split 5*s.* 9*d.* per lb.

Vanillin is rather firmer at from 29*s.* to 30*s.* per lb. net.

Wax Vegetable.—*Japanese* slabs are firm, with 75*s.* asked on spot. *Carnauba* is offered at 165*s.* on spot.

Arrivals of Chemicals, Drugs, etc.

The following is a selection of arrivals at the Ports of London, Liverpool, and Grimsby during the period May 9 to 15, inclusive:

To London.

Acetanilide, 14 brls.
Acetic acid, 60 cbys.
Aconite, 11 bgs.
Alcohol, wood, 7,929 gals.
Antim. ore, 93 tons
Antitoxin, tet., 2 cs.
Argol, 752 bgs.
Arsenic, 400 cwt.
Balsams, 5 cs.
Barytes, 3,080 bgs.
Bismuth ore, 2,665*l.*
Bromides: ammon., 6 cs.; potash, 21 cs.; sodium, 7 cs.
Bromine, 2 cs.
Cachou de laval, 40 cks.
Camphor, 3 cs.
Casein, 540*l.*
Cerium nit., 45*l.*
Chiretta, 60 bdls.
Cinchona, 1,060 bls.
Copaiba, 28 cs.
Cream of tartar, 30 kgs.
Dental goods, 3,575*l.*
Drugs, unrated, 160*l.*
Dyestuffs, unrated, 90 pkgs. 25 brls.; dyewood ext., 100 cks.
Ergot, 16 bgs.
Eucalyptus oil, 5 dms.
Euphorbia, 25 bls.
Formaldehyde, 25 brls.
Fusel oil, 1,296*l.*
Gallic acid, 4 cks.
Galls, 2,000*l.*
Gelatin, 571*l.*
Gentian, 13 bls.; gent. powder, 20 bls.
Glycerin, dist., 462*l.*
Gums: acacia, 14,248 cwt.; chicle, 101 cwt.; damar, 200 cwt.; grass-tree, 546 cwt.; karaya, 240 cwt.; olibanum, 650 cwt.; sandarac, 236 cwt.; yacca, 700 cwt.
Hydroquinone, 2 kgs.
Hyoscyamus, 39 bls.
Ichthyol, 10 cs.
Laurel-leaves, 47 bls.
Male-fern root, 21 bgs.
Milk-sugar, 200 cs.
Myrrh, 40 cwt.
Nuts and kernels: cashew-nuts, 666 cwt.; copra, 11,375 cwt.; ground, 25,108 cwt.; palm-kern., 2,200 cwt.
Nux vomica, 1,036 pockets 400 bgs. 4,080 pkgs.
Oils, essential, 515 cs. 3 cks. 13 drms. 2 demjhns.; star-anise, 25 cs.; synthetic, 8 pkgs. 19 cs. 24 dms.
Oils, fixed: arachis, 3,762 cs.; castor, 250 brls. 1 cs.; coconut, unref., 3,100 cs. 415 pps. 62 pkgs.; fish, 550 cs. 30 cks.; olive, unref., 310 tuns; whale, 13 brls.; wood, 700*l.*
Ointment, 30*l.*
Opium, 22 cs.
Papain, 6 cs.
Paraldehyde, 2 cs.
Perfumery, unrated, 320*l.*; toilet-powder, 3,137*l.*
Phenacetin, 6 cs.
Podophyllum-root, 496 pkgs.
Potash carb., 8 brls.
Potash iodide, 40 cs.
Pumice-stone, 29 tons
Quinidine, etc., 26 cs.
Rhatany-root, 40 bls.
Rosin, 1,100 brls. 175 cks.
Salicylic acid, 6 pkgs.
Salol, 10 kgs.
Saltpetre, 14,751 cwt.
Sandal-wood, 1,633 brls.
Scopolia, 5 bls.
Seeds: anise, 240 bgs.; annatto, 36 bgs.; coriander, 542 bgs.; cotton, 991 tons 564 bgs.; cumin, 25 bgs.; dari, 6,493 bgs.; fenugreek, 12 bgs.; lin, 58,697 bgs.; millet, 515 bgs.; hemp, 1,190 bgs.; poppy, 176 bgs.; rape, 37,618 bgs.
Senna, 2,000 bls.
Shellac, 1,045 cwt.
Silver protein., 1 cs.
Soda benzoate, 52 cwt.
Soda cacodylate, 1 cs.
Soda caustic, 23 cwt.
Soda salicyl. 4 cwt. 23 kgs.
Soda sulphite, 20 cwt.
Sponge, 18 bls.
Starches: maize, 3,423 cwt.; maize pearl, 2,687 cwt.; potato flour, 2,497 cwt.; rice, 1,800 cwt.
Surg. dressings and plasters, 22 cs.
Tartar, crude, 37 cks.
Tartaric acid, 342 pkgs. 8 brls. 6 cs. 100 kgs. 36 cks.
Thorium nitrate, 4,500*l.*
Thymol, 9 cs.
Turmeric, 496 bgs.
Vacuum flasks, 295*l.*
Wax (mostly bees'), 122 bgs. 25 cs. 31 bls.
Wax, paraffin, 7,726 cwt.
Wine-lees, 125 bgs.

To Liverpool.

Acetic acid, 567 brls.
Albumen, 15 cs.
Antim. ore, 110 tons
Argol, 780 bgs.
Boric acid, 2,000 brls.
Calc. acetate, 850 bgs.
Calc. phosphate, 20 kgs.
Chillies, 130 bgs.
Citric acid, 200 kgs.
Cream of tartar, 85 cks. 20 kgs.
Dental goods, 704*l.*
Drugs, unrated, 27 cs. 252*l.* 740 cks. 155 bgs. 151 pkgs.
Dyestuffs, unrated, 50 cs. 169 brls. 137 bgs.; chestnut ext. 274 cks.; cutch, 100 bxs.; dyewood ext., 6 cks.; gambier, 29 cs.; hemlock ext., 400 cs.; indigo, 13 bgs.; logwood, 42 tons; logwood ext., 138 cks.; sumach, 1,350 bgs.
Ferro-phosphorus, 91 cs.
Iodine, 70 brls.
Liquorice-juice, 123 cs.
Liquorice-root, 63 bls.
Nuts and kernels: babassu-kern., 1,397 bgs.; copra, 2,139 bgs.; ground, 1,200 tons 100 bgs.; palm-kern., 12,834 bgs. 38 cks. 75 tons
Oils, essential, 6 cs.
Oils, fixed: castor, 500 cs.; cod, 20 cks.; cod-liver, 20 brls. 53 cks.; olive, 50 cs.; palm, 478 cks.; wood, 180 cks.
Patent medicines, 53 cs.
Phosphate rock, 500 tons
Pumice-stone, 9½ tons
Rosin, 9,800 brls. 340 cks.
Seeds: castor, 80 bgs.; cotton, 20,785 bgs. 117 tons; lin, 10,082 bgs.; oilseeds 118 bgs.
Soap, 342*l.*
Starches, 5,990 bgs.; farina, 4,134 bgs.
Sulphur, 1,195 bgs.; sulphur oil, 170 brls.; sulphur ore, 4,365 tons
Surg. instru., 23*l.*
Talc., 3,268 pkgs. 800 bgs.; mineral-white, 1,200 bgs.
Tartar, crude, 41 cks.
Tartaric acid, 20 brls. 200 kgs. 20 cks.
Thorium and cerium nit., 14 cs.
Wax, bees', 7 bgs. 617 pkgs. 5 cs. 4 brls.
Wax, carnauba, 640 bgs.

To Grimsby.

Dyestuffs, 71 cs. 205 pkgs. 195 cks.

Morphine for Japan.—During the two months ended February 28 Japan imported 122,925 oz. morphine hydrochloride and sulphate, against 73,061 oz. and 33,242 oz. for the corresponding periods of 1916 and 1915.

Indian Indigo.—The total area under indigo in the province of Bihar, Madras, and the United Provinces increased from 148,000 acres in 1914-15 to 314,300 acres in 1915-16, and has further increased to over 600,000 acres during this year.

Montserrat Bay Oil.—The year 1914 was the first in which the bay-tree (*Pimenta acris*) had been planted to an appreciable extent in Montserrat. Twenty thousand plants were distributed from the Experiment Station, and this is sufficient to plant about twenty-five acres.

Indian Imports.—The imports of chemicals, drugs, and medicines into British India during the calendar year 1916 amounted in value to 2,368,835*l.*, against 1,830,028*l.* in 1915 and 1,485,750*l.* in 1914; dyes and colour imports in 1916 were 1,316,599*l.*, against 811,087*l.* in 1915 and 1,235,813*l.* in 1914.

Correspondence

Letters for this section should be written on one side of the paper only. The writer may adopt an assumed name for purposes of publication, but he must in all cases furnish his real name and address to the Editor.

The Venereal Diseases Bill.

SIR,—Every chemist on the register must feel deeply indebted to Mr. Glyn-Jones for work he has done in connection with this Bill, but despite all our respected M.P.'s efforts, chemists' claims have been harshly and unfairly treated. To read the B.M. Association's communication published last week should rouse the fighting spirit in every pharmacist throughout the British Isles. I would suggest a huge demonstration in London, at which representatives of every Association throughout the islands, and every other chemist who possibly can, should be present. As a class we are too easily snubbed, and a leaf might very profitably be taken out of other trade unions' books to force our claims in the right quarters, and if necessary place our protest in the hands of the Prime Minister.

MUFTI. (30/96.)

[Our observations on the Bill as amended by the Grand Committee show that it is a much less harmful measure now than it was before the Committee stage, and the British Medical Association has not got all its own way with it.—EDITOR *C. & D.*]

Regulation of Pharmacy.

SIR,—I feel it incumbent upon me to record the replies received from the two Council candidates which did not reach me in time for publication last week:

Mr. J. Harcombe Cuff: "Heartily in sympathy with your letter, and would support any practical scheme to prevent unqualified practice."

Mr. John F. Harrington: "I am quite in sympathy with everything you say in your letter, and am trying, and have tried, to gain the ends you speak of. To divide the Minor would mean an alteration of by-laws, and that takes a very long time, but the matter is in hand."

I am also in receipt of letters from members of the craft who have kindly written me. I shall endeavour to reply to these, also to "Salol," upon the first opportunity.

Torquay. ERNEST QUANT.

Unqualified (30/51), referring to Mr. Quant's letter in our issue of May 5, says the words "place them in perpetual fear" appear in it. "England is at the present time hoping to stamp out Prussianism. Is Mr. Quant going to try to revive that old spirit among qualified chemists? The right to qualify, and when to do it, are entirely a personal matter. The rights and wrongs of pharmacy are entirely in the hands of qualified men. I served six years as an apprentice. During that time I believe I was allowed to copy one prescription in the book. The fact of the matter was, my master did not take any interest in his apprentices, but just used them as money-makers. That is where the great fault lies. If chemists wish to have apprentices they should be prepared to train them properly. I myself would not have been in the position I am to-day had it not been for the kindly tuition received from my second master and fellow assistants. I told my new master that I had served six years as an apprentice, and he said, 'You have been robbed.'"

Oxycroceum Plaster.

SIR,—I saw in the *C. & D.*, April 21, p. 52, the formula for oxycroceum plaster of the Edinburgh Pharmacopœia, and I may draw attention to the formula of the present Swiss Pharmacopœia. The plaster is still an official galenical preparation in Switzerland, and in the last edition of our Pharmacopœia the following formula is given:

Cera flava	35
Colophonium	25
Elemi	10
Galbanum V. (sieve V. and VI.)	5
Myrrha V.	5
Terebinth laricina	12
Crocus VI.	1
Ext. rhatania	2

Melt yellow wax, colophony, and elemi on a water-bath. Add to the enough-cooled ingredients galbanum, ammoniacum, and myrrha, the terebinth laricina. Next add crocus and ext. rhatania dissolved in a little spirit.

Oxycroceum plaster is of red-brown colour.

I take very much interest in this plaster, as it was one of my examination preparations. Professor Tschirch cut it with his knife and dismissed me with the best censure. I may also inform you that I translated from your journal "Bagdad, the Cradle of Pharmacy," which appeared in No 18 of the Swiss "Apotheker Zeitung" or Journal Swiss de Pharmacie. Hoping you will kindly agree when I translate from time to time an article of your interesting journal, referring to the source of which I took it from, I remain, yours faithfully, P. VAL. KLOPFSTEIN,

Olton. Pharmac. Chemist.

M. P. S. (28/75) also writes: "Emplastrum oxycroceum is a very interesting survival. There was a lump of it in the shop in which my apprenticeship was served, but I do not remember having had occasion to use it. The formula has been traced to Nicolas Myrepsus, who flourished in the thirteenth century. From him it was taken into the Augsburg Pharmacopœia, and thence into our P.L. Originally, as its name implies, the plaster contained vinegar; this was retained in our London book, but not in the Edinburgh one, in which eventually the name of the plaster was accordingly changed to emp. croceum. If I am not mistaken, there is a later official form than that of 1744; Brookes quotes it thus, and attributes it to Edinburgh: Burgundy pitch and yellow wax, of each 1 lb., galbanum ½ lb.; melt, and add tar ½ lb., saffron in powder 2 oz. The older Edinburgh forms had ten ingredients. The quantity of saffron employed varied a good deal, and sometimes this ingredient was left out altogether, not only in practice, but in the books."

How Stands Lancashire?

A Leading Lancashire Pharmacist (29/5), whom "Xrayser II." referred to on May 5, p. 41, and Mr. F. W. Bates replied to last week, p. 51, writes to our contributor as follows: "I am glad to say that your remarks in last week's *C. & D. re* Council election have been of great benefit to the new candidates. With reference to Mr. Bates's letter in this week's issue, the *C. & D.* report of the Lancashire Federation meeting, April 21, p. 46, last sentence, reads: 'Messrs. So and So were among those present, together with several members of the Pharmaceutical Council.' Mr. Bates strongly objects to the insinuation that the presence of two councillors made any difference, and asserts that the Lancashire Federation can think for itself. Well, in spite of Mr. Bates and his Federation, some of us object to being spoon-fed, and have voted accordingly. In Liverpool the members of the local Association have never had the chance of discussing the merits or demerits of the candidates at a meeting, but, on the other hand, I have had more men come to me this time and ask whom they should vote for than on any previous occasion. Allow me once more to repeat how much the trade is under obligation to you and the *C. & D.* First of all the quidnuncs moved heaven and earth to avoid having an election, then Mr. Skinner was well blistered, and lastly the word was passed round, 'Vote for the retiring councillors,' but they forgot the power of No. 42 Cannon Street."

The Sick Poor.

SIR,—In our great infirmaries, some of which in London have 800 beds, the sick poor receive without payment adequate medical attention and skilled nursing. They are fed, clothed, and cared for, all being provided free if the patient has no means. The criticism of the Poor-law medical service offered by your correspondent Mr. Arthur Mortimer is quite out of date. The best of our Poor-law infirmaries will bear comparison to-day with any of our voluntary hospitals. PUBLIC PHARMACIST. (30/62.)

London.

Subscribers' Symposium.

For interchange of opinion among "C. & D." readers, and brief notes on business and practical topics, especially new ideas.

Appreciations.

A Pharmacist in Scotland (227/39) writes: "I regret allowing my subscription to run out and not renewing it at once. I miss the *C. & D.*, but have been so troubled with changes and shortage of staff that many things have had to go by the board. I always think, however, that you understand, and perhaps appreciate, the Scotch pharmacist better than some of your contemporaries; and on things that affect us vitally you are generally to be found, when the issue is finally settled, in the enviable position of the man who said, 'I told you so.' By that I mean that your analyses and forecasts are generally correct. With best wishes for the success of THE CHEMIST AND DRUGGIST."

What are Shop-assistants?

Close to the Wind (30/68), writing in regard to Mr. Johnston's letter in the *C. & D.* last week, p. 51, says that

all malo assistants in drug-stores are not "lawfully and habitually engaged in dispensing medicines," and he emphasises the fact that those who are not so engaged are shop-assistants within the meaning of the Restricted Occupations Order.

Treatment of Boils.

"In addition to the external application of tr. iodi or glyc. ac. carbol., may I suggest to your correspondents the internal administration of nuclein (P., D. & Co.), the extractive principle of yeast, in 1-dr. doses, three times a day? This, by encouraging the leucocytes in the blood, removes the cause of the trouble and prevents recurrence. From personal experience I can speak of it highly."—*C. Bayley* (Uppingham).

Legal Queries.

Most difficulties in trade law are explained in the legal section of "The Chemist and Druggist Diary," 1917, beginning on page 353.

Glam. (14/46).—There is no prospect of any immediate change in the legal conditions for registration under the Medical Acts or the Pharmacy Acts. You appear to have allowed too many years to slip past before utilising your early Preliminary examination, which is now useless, and is not likely to be made useful by any Act of Parliament.

J. B. (29/48).—You are perfectly entitled, in order to ascertain the net profit of your business, to charge against it, as an expenditure, the amount apportioned to you for salary, but in the return of your own income for taxing-purposes that salary must be returned as part of your income and the net profit added to it as well as any other income.

Chemico (31/6).—After A had left the employment of B a letter was delivered at B's shop addressed to "A, c/o B," ordering goods to be supplied by B. Does the letter containing the order, which is of a purely business character, belong to A or to B? [In our opinion the letter, being addressed to A, belongs to A, who alone is entitled to accept the order.]

Nocturne (15/24).—The preparation will be liable to medicine stamp-duty, because it is held out and recommended for coughs, colds, etc. You say that it is only to be exported, and will not be sold in this country. The law does not actually distinguish between these, for the medicine is dutiable whether for home or foreign consumption (see *C. & D. Diary*, p. 364, Export), but the Revenue authorities have not been accustomed to enforce duty *if no sale occurs in Great Britain* and the medicine is consigned to an agent abroad. We cannot tell whether the medicine is a known, admitted, and approved remedy or not, for we do not know that the manufacturer is an exempted person, but the medicine bears the name of a dutiable article, and until it is proved that it is entitled to exemption publication of the formula will not necessarily exempt it.

Miscellaneous Inquiries.

When samples are sent particulars should be supplied to us as to their origin, what they are, what they are used for and how. We do not undertake to analyse and report upon proprietary articles nor to publish supposed formulas for them.

Ph.C. (37/37).—A corked bottle is better than a stoppered one for keeping Liq. Magnes. Bicarb. or any other solution which dissipates some of its contents by evaporation as gas. A stoppered bottle is as good or better if the neck and the stopper itself are smeared with vaseline, if that is not objectionable so far as the solution is concerned.

D. C. O. (21/41).—The powder used for cleaning the india-rubber tubes of Milking-machines is crystal carbonate of soda. Ordinary washing-soda in big crystals would do, but the crystal carbonate is best for the purpose. A solution of the crystal carbonate in water is made, about a tablespoonful to a milkpailful of warm water, and in this the tubes, after washing in plain warm water, are steeped, with occasional agitation. Then the tubes may be transferred to a pailful of warm water and thoroughly rinsed, being washed finally in running water.

Bee Hive (22/26).—The deadly nature of Isle of Wight bee-disease makes it advisable to destroy the hives in which infected bees have been kept. That is why disinfection is not usually recommended by the authorities.

Mare (23/31) has a customer who owns a mare which is suffering from a discharge from the womb. At times it is not bad, but now, when she is in season, it is very copious and offensive. [This is a disease of the mucous membrane of the uterus, with weakness and desquamation of the same, which usually is extended to the vulva and vagina. There are periodical discharges of a yellowish-white slime, which at times is more copious than others, and has usually an offensive and disagreeable odour, very annoying to the attendants and certainly unhealthy to other animals in close proximity. The treatment is to wash out the womb with solution of zinc sulphate and carbolic acid, ½ oz. of each to a quart of tepid water, and give internally:

Cupri sulph.		ʒiij.
Acid. arsenios.		ʒj.
Pulv. zing. et gent.	aa.	ʒiij.

M. Div. in pulv. xij.

Good nourishing food and fresh air are also essential.]

Mancunian (231/73).—You will find a number of formulæ for Glycerin Substitutes in the *C. & D. Diary*, 1917, p. 369. No. III. is the best. In our issue of May 20, 1916, p. 60, the original formulæ were published. That for mucilage of carrageen is as follows:

Picked carrageen	1 oz.
Water	25 oz.

Place the carrageen on a hair-sieve, and wash by running the tap over it; then transfer to a basin with the water, and heat to boiling, allowing it to boil for five minutes. Any froth which comes to the surface as the liquid begins to boil should be skimmed off. Strain through muslin, without pressure.

We observe that Mr. Lennox recommends in a contemporary ½ oz. of washed Irish moss and 24 oz. of water. Boil, keep boiling for fifteen minutes, strain with pressure, and make up to 19 fl. oz. with boiling water, then add 1 oz. of glucose, mix and strain. Quince mucilage is also used instead of carrageen mucilage, and is preferred by some.

M. P. S. (2/32) tells us of a dispenser who says "Tablespoonfuls" is not Correct English, and that dispensers should write "tablespoonsful" or "tablespoons full." [No; tablespoonfuls. If a person were to measure the dose by using two tablespoons it would be quite correct linguistically to write "two tablespoonsful" or "tablespoons full," but by so writing the dispenser takes the risk of forcing the patient to swallow the spoons along with the medicine.]

O. G. G. (12/17).—Coin-detection.—Very fine powder of any aniline dye, such as aniline violet, is used to dust articles—*e.g.*, coins—so that when they are touched the fingers become stained.

N. W. (7/27).—The best method of mixing Rolling Cream ("Pharm. Formulas," p. 839) is to make a mucilage with the tragacanth by first moistening it with spirit and then adding 3 oz. of water. Next warm the mucilage in a water-bath, add the stearic acid, and continue the heat until it is melted; then add the potassium carbonate dissolved in a little water, and finally the boric acid, casein, and kaolin rubbed to a smooth cream. When the rolling cream is quite homogeneous remove from the source of heat and add the perfume and carmine solution, and stir until cold.

Retrospect of Fifty Years Ago.

Reprinted from "The Chemist and Druggist," May 15, 1867.

The Proposed Pharmacy Bill.

In the course of observations on this Bill a letter was printed which was signed by Charles Boorne, John Boucher, Isaiah Bourdas, jun., W. H. Bell, H. B. Brady, Michael Carteighe, Robert Elliott, H. S. Evans, Samuel Gale, R. W. Giles, W. H. Holroyd, Walter Holgate, Joseph Ince, John Mayfield, C. R. Quiller, Richard Reynolds, J. Robbins, G. F. Schacht, William Smeeton, C. Symes, Frederick Tibbs, Charles Umney, Alfred Utley, and Edwin B. Vizer. In it the writers said: "We feel convinced that the sincere desire of the vast majority of our members, whether examined or not, is to consummate the wishes of the founder, and to fulfil the object he had in view when the Society was formed—namely, *the amalgamation of the whole trade, and the compulsory examination of all persons entering it after a given time.* Our firm belief is that this Bill will effectually accomplish both these objects, and we trust that the Council will spare no effort to pass it into law at the earliest possible opportunity."

THE
PREMIER HOUSE
FOR
Compressed Tablets

See New Revised List, March 1.

Coated Pills

See New List, March 1.

EVANS

Gelatine Capsules, Drysules, &c.

See New List, March 1.

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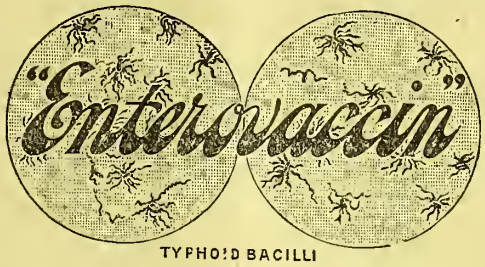

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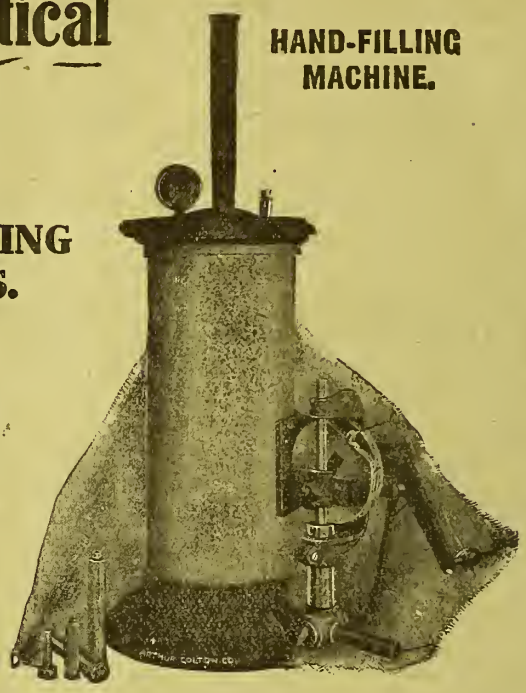

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Soda Sulphocarbolas, B.P., 7 lbs. @ 3/9 lb.; 1 lb. @ 4/1 lb.
Sodii Bromid., P.B., 7 lbs. @ 4/3 lb.
Soda Hyposulphite, pea cryst., 1 cwt. @ 34/- cwt.
Soda Hypophosph., 7 lbs. @ 4/-; 1 lb. @ 4/3.
Sodii Salicyl. Pulv., 2 lbs. @ 8/- lb.
*Spt. Æthei Nit. P.B., 4½ lbs. @ 4/9 lb.; 1 lb. @ 5/2 lb.
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* " Chloroform, P.B., 5 lbs. @ 4/8 lb.
Strontiæ Bromid., 1 lb. @ 7/6 lb.
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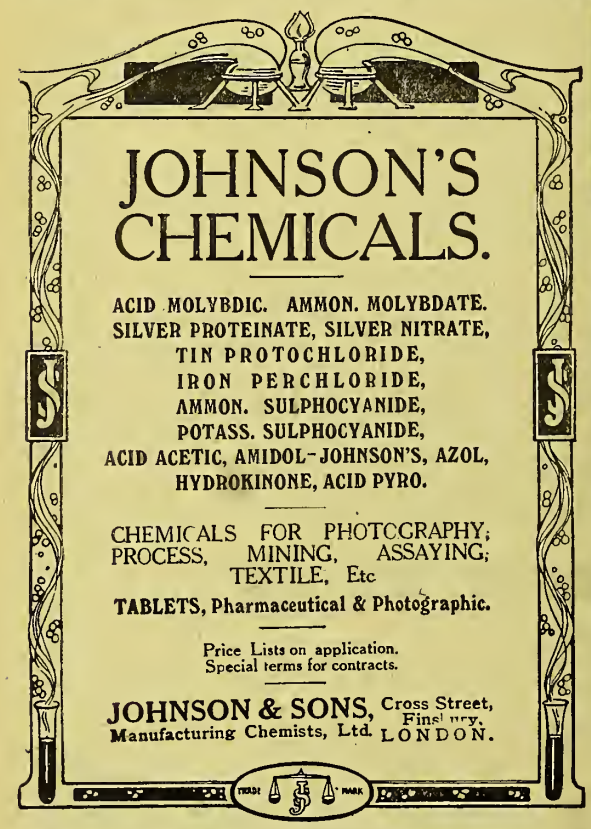

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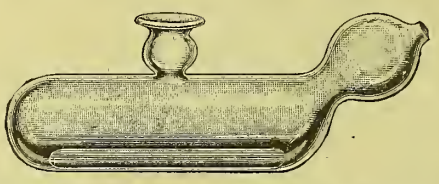

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The Three Reliables.

Prices and Terms on application to
ALLCOCK MANUFACTURING COMPANY
22 Hamilton Sq., Birkenhead.

"Sold all round the World."

TEATS & VALVES

Best English Teats, Transparent, 1/6 dozen, 16/6 gross lots.
Best English Valves, Transparent, 1/4 dozen, 14/6 gross lots.

CORKS

Finest White, "without spot or blemish." Four sizes (up to 8 oz.), in separate 6-gross bags, one size in a bag. 5/- per bag, 5/6 post free.

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BEST SHEFFIELD MAKE CHAMOIS-LINED THROUGHOUT.
Single, 2/9; Double, 4/-

ALL THE ABOVE CAN BE DELIVERED IMMEDIATELY FROM STOCK.

THOMAS SWALES

Sundriesman,
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Telephone: 3702 Central.

WHOLESALE ONLY. MANUFACTURERS OF Established 1901.

Surgical Dressings,

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VERNON & CO., Ltd., Penwortham Mills PRESTON.

Also 9 Fore Street Avenue, LONDON, E.C.

Branch Works: Waterfold Mills, Heap Bridge, BURY.

The Northern Tin Canister Works,

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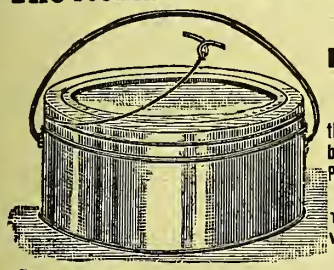
LIVERPOOL.



We manufacture for the paint trade in all its branches—Decorated and Plain work.

TIGHT SEAMING & VARNISH BOTTLES A SPECIALITY.

Patent Air Tight Slip-lid Tin for Export.

Prompt Deliveries Assured.

Peerless

TRANSPARENT FEEDING BOTTLE TEATS

Made of fine Ceylon Rubber. Cured by the most approved methods. Warranted to withstand tropical climates.

Specify Peerless Teats—made in England—Samples and quotations post free.

WHOLESALE AND EXPORT ONLY.

PEERLESS SEAMLESS RUBBER CO., Ltd.

Works - - RICHMOND, SURREY.

NOTICE *RE* **HUXLEY'S "NER-VIGOR" & "NER-VIGOR" WITH FORMATES**

Owing to the conscription of Glycerine we are temporarily unable to execute orders for these two preparations. Orders should be sent to our New York House, 42 Cliff Street. The price in N. Y. is about 15 per cent. higher than in London. All other goods can be supplied as usual from London.

ANGLO-AMERICAN PHARMACEUTICAL COMPANY, LTD., Galen Works, 59 Dingwall Road, Croydon, London.

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SAMUEL HILL, Ltd.

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Manufacturers for all purposes.

COTTON, WOOLLEN and LINEN.

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ELASTIC GUM SURGICAL INSTRUMENTS.

Catheters and Bougies, in Black or Brown Gum, and Finest Silk Web. Specula, Rectal and Œsophageal Instruments. Horse Catheters and Cattle Probangs. Wholesale and Export only. *Price List from the Manufacturers.*

MASON BROS. & CHAPMAN, 107 Whitecross St., LONDON, E.C.

TO WHOLESALE BUYERS AND SHIPPING MERCHANTS ONLY.

Hand or Machine Made. To suit all Climates. Absolute Purity of Contents. Best Finish.

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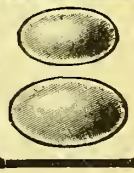

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FOR SPRING SALES.

MANY Chemists have enjoyed the ready sale of Boracic Socks, which literally

SELL THEMSELVES

4/- per dozen pairs.
46/- per gross pairs.

Now is the time to order, so as to enjoy a share of these

READY SALES

FREE SAMPLE PAIR ON APPLICATION.

CUXSON, GERRARD & CO., Ltd., OLDBURY AND BIRMINGHAM.

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ALIMENTARY AND INDUSTRIAL

Dairy Produce Importers.

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Sole South African Agent & Shipper for
JOHN GOSNELL & Co., Ltd. London.
The STANDARD TABLET AND PILL CO., Ltd., Hove.
The "DO-WELL" FEEDER VALVES AND TEATS.

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Cable Address: "Acriton London." Telephone: 5683 Avenue. And P.O. Box 1155 Capetown.

ALL INDENTS SENT TO ME WILL RECEIVE MY PERSONAL and PROMPT ATTENTION.

Proprietor of "ESTELLE" *(Reg.)* Brand of Toilet Articles & Feeding Bottles.

A. MILLAR & CO., LTD., DUBLIN

PURE ORANGE WINE

VINUM AURANTII B.P.) Prepared in strict accordance with the Formula of the British Pharmacopœia. (Wholesale only.)

London Agent: JAMES STIRTON, 43 GREAT TOWER STREET, E.C.

TO USERS and DEALERS in METH. SPIRIT and SPIRIT OF WINE.

FOR QUOTATIONS apply to—

PRESTON'S LIVERPOOL DISTILLERY Co., Ld.

The Largest Makers in the Kingdom.

SANKHALL DISTILLERY, SANDHILLS, LIVERPOOL. Office: 4 India B'ngs, Water St., Liverpool.

THE CHEMIST & DRUGGIST SUPPLEMENT.

OFFICE: 42 CANNON STREET, E.C. SATURDAY, MAY 19, 1917

This Supplement is Inserted in every number of "The Chemist and Druggist."

CHEMISTS' TRANSFERS.

Messrs. ORRIDGE & CO., 56 Ludgate Hill, E.C.

Telephone Number: City 2283.

May be consulted at their Offices on matters of SALE, PURCHASE, and VALUATION.

1.—MIDDLESEX.—Good-class Business; capital position; returns about £2,000; intending investors with £1,100 at command will find this a sound concern.

2.—SURREY (Suburban).—Good-class Retail and Dispensing Business, with Optical connection, in select residential district; returns about £2,500 per annum; terms, valuation of stock and fixtures and sum for goodwill to be agreed equitably.

3.—PORTLAND ROAD STATION (Within Easy Distance of).—For Disposal through death, good middle-class Business; Retail and Dispensing; excellent position in main thoroughfare; returns about £1,000; scope for considerable extension under energetic management; valuation terms entertained.

4.—LONDON (Northern Suburb).—Brisk Ready-money Retail Business, situate in busy main thoroughfare; returns under management £1,400 to £1,500; terms, £200 on entry and £175 by instalments.

5.—RICHMOND (Surrey), Near.—Very old-established Business; held by vendor many years, now retiring; returns about £870; *profits above the average*; first reasonable offer will be accepted.

6.—LONDON (Southern Suburb).—Medium-class Family trade; well established; turnover averages £925; *gross profit* £355; comfortable residence; rent £45; sub-let £13; no near opposition; price £400, or valuation of stock and fixtures.

7.—LONDON, N. (Main Line of Rail).—For immediate Disposal, a good but neglected Business returning, under Assistant, £1,270 at fair prices; books audited by accountant and stock taken annually; terms, small sum for goodwill and valuation of stock and fixtures.

8.—SUSSEX.—For immediate Disposal, well-established Business returning between £700 and £750; *profits about* 50 *per cent.*; commodious premises; rent £40 yearly; new lease will be granted; price £220; illness cause of sale.

9.—LAKE DISTRICT.—Mixed Business, with excellent sale for own Proprietaries; returns about £3,000; terms, stock and fixtures at valuation and sum for goodwill to be arranged equitably.

10.—L. & S.W. LINE (Residential Locality).—Select good-class Business, admitting of extension; returns about £1,000 at good prices; well-appointed shop and good house; price about £700.

11.—ESSEX (Health Resort).—Modern Pharmacy, situate in the principal street; returns exceed £1,000; full investigation permitted; the shop is nicely fitted and fully stocked; convenient residence; terms, valuation of stock and fixtures and £100 premium.

12.—OXON. (Market Town).—Good-class Business, Retail, Dispensing, and Photographic, with small Mineral-Water Plant; returns average over £1,000 yearly; scope for development; good position in main thoroughfare; valuation terms entertained.

13.—HERTS. (Borders of).—Ready-money Business; held by vendor many years; returns over £30 per week; good position in main thoroughfare; comfortable residence, with garden; rent moderate; price about £500; vendor invites the fullest investigation.

14.—KENT (Suburban).—Middle-class Retail and Dispensing Business; no N.H.I.; returns £900; *net profit* £249; comfortable residence; moderate rental; price £275 on entry and balance, £175, by instalments; full investigation courted.

VALUATIONS FOR STOCKTAKING.

Messrs. O. & Co. desire to emphasize the necessity of a Periodical Statement of Account, by which means alone Profit, the value of Business, &c., can be determined. Involving as this does the labour of Stocktaking and Valuation, it is often omitted, and eventually becomes the cause of confusion and loss.

Messrs. O. & Co. are prepared to undertake these essential duties, and will make Special Terms for such services.

ORRIDGE & CO., 56 LUDGATE HILL, LONDON, E.C.

BUSINESSES FOR DISPOSAL.

3s. 6d. for 50 words or less; 6d. for every 10 words or less beyond, prepaid.

BELFAST.—Wholesale and Retail Drug and Grocery Business for disposal; leading thoroughfare; proprietor retiring after 50 years' successful business; fittings complete; electric light; extensive store accommodation; gateway and stabling at rear; a rare opportunity for a young man of energy. Full particulars, Osborne Cooke & Co., Scottish Provident Buildings, Belfast.

BIRMINGHAM.—Small Business for Disposal; lock-up; low rental; good profits; serious illness cause of sale. Apply, 219/39, Office of this Paper.

WEST MIDLANDS (Market Town).—Business for Sale through ill-health; returns £550 to £600; good house and garden; rent £40; appointment brings £26; splendidly fitted shop; well stocked; commanding position; sacrifice, £400 or offer; must be sold. No agents. "Imperative" (238/30), Office of this Paper.

YORKSHIRE.—Good-class Suburban Business; old-established; healthy neighbourhood; splendidly situated; easy to work; an unique opportunity for client looking for a sound business; immediate disposal; bare valuation, or reasonable offer accepted; a bargain; part could remain. Apply, 236/7, Office of this Paper.

MIDLANDS.—Owing to death of proprietor, excellent Retail and Dispensing Business, with Wine and Spirit licence, in healthy, flourishing country market town; a prosperous business for 50 years, and still open to development; modern premises with good house; well-fitted shop; satisfactory lease; an exceptional opportunity to immediate buyer. Apply, Mrs. G. Heaton, Ripley, Derbyshire.

DENTAL SURGERY.—Near Croydon; going concern; excellent prospects; can be taken over small cost; a capable man would soon command large practice. Apply, 31/61, Office of this Paper.

FOR SALE.—High-class Business, with considerable Dispensing, conducted as private company; well established; accounts and balance sheets for whole time; good opportunity for two men; present proprietor open to stay for arranged period to give introduction; about £1,200 required; cash buyers only entertained. Apply, "Reality" (235/22), Office of this Paper.

FOR SALE, Business in London, Drug and Herbal Stores, no other near, in thickly populated district; main road; established 30 years; including many valuable Recipes; with Pill Machinery, etc.; illness cause of sale. F. Carter, 7 Queen's Road, Peckham, London, S.E.

£200.—COUNTRY Business; returns £700; scope for increase; no opposition; West Sussex. Apply, 238/12, Office of this Paper.

PARSON C. BAKER

(Pharmaceutical Chemist),

Trade Valuer & Transfer Agent.

Recommended by The British Drug Houses, Ltd.; Messrs. Meggeson & Co.; Barclay & Sons, Ltd.

Valuer to the Association of Manufacturing Chemists.

1 Mountfield Road, CHURCH END, FINCHLEY, N.

Tel. No.: Finchley 812.

THOS. TOMLINSON & SON

CHEMISTS' VALUERS, TRANSFER AGENTS, AND EXPERT STOCKTAKERS,

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ESTABLISHED OVER HALF A CENTURY.

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CHEMISTS' VALUERS, TRANSFER AGENTS, AND EXPERT STOCKTAKERS.

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VALUERS & TRANSFER AGENTS,

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NO CHARGE TO PURCHASERS.

1.—CAMBRIDGE (Easy Distance From).—Death vacancy; good-class Light Country Retail Business; pleasantly situated in small market town and increasing; returns nearly £1,300; clear net profit £430; splendid 10-roomed house, garden, and greenhouse; handsomely fitted Pharmacy, very heavily stocked; price required, £1,050; we have been appointed sole agents, and can recommend it as being above the general run of businesses.

2.—HERTS (Market Town).—Most desirable Light Country Retail; easily worked; returns about £900; good profits; excellent house, bathroom, etc.; very best position; well stocked; price for prompt sale, £400 cash; strongly recommended.

3.—SOUTH COAST.—First-class Retail and Dispensing Business, with scope for large increase; commanding position; low rent; elegant fittings and good stock; owner retiring through old age; valuation only required, about £700; part could remain; personally inspected and recommended.

4.—DEVON (Market Town).—Good-class Retail, Agricultural, and Photographic Business, under management and scope for increase; returns average £1,300; principal did £1,500; main road position; splendid premises; fully stocked; price simply valuation, about £900.

5.—LONDON, S.W.—Profitable Cash Suburban Retail; entirely under manager; present returns between £800 and £900; plenty of scope; rent £50, let off £26; well stocked; main-road position; price £20 and valuation, about £350; manager called up.

STOCKTAKINGS.

Appointments for stocktakings and valuations should be made early. Full particulars and terms sent on application. See page 90 of the *C. & D. Diary*, 1917.

We desire particularly to draw the attention of Colonial and Foreign Subscribers to the fact that in cases where they require partners, agents or assistants, or wish to sell their businesses, an advertisement in this Supplement, placed in every copy of "The Chemist and Druggist," should be the readiest means of helping them to attain their object. The tariff for such announcements is given under the appropriate headings in the Supplement. Instructions and remittances can be sent to us direct or through the advertisers' correspondents in this country.

BUSINESSES FOR DISPOSAL (*continued*).

GENUINE OFFER.—For quick sale, small, compact Pharmacy; well stocked; mahogany fitted; excellent position in high-class residential neighbourhood; business increasing; valuation £250; sell £150; investigation invited; rent £52 per annum on lease; premises consist of shop and basement, two rooms, and w.c. Apply, 236/15, Office of this Paper.

IN fashionable Inland Spa, old-established, high-class Pharmacy; mostly Dispensing, Light Retail, no Insurance, Photography, or Optics; returns about £800 at good prices; will accept first reasonable offer, as health demands immediate retirement; full investigation courted. Apply, 31/18, Office of this Paper.

PARSON C. BAKER, 1 Mountfield Road, N. 3, is instructed to Sell by Private Treaty, on most reasonable terms, an old-established Family and good Dispensing Business returning £1,700, in excellent position fashionable health resort Home County; fullest investigation allowed; every information and full particulars to principals only having *cash at hand*; £700.

AGENCIES.

AUSTRALIAN BUSINESS.—A firm with good business connections all over the Australian Commonwealth, and possessing plenty of energy and resource, will be pleased to entertain propositions for the representation of first-class firms dealing in Chemicals, Pharmaceuticals, Toilet Articles, Druggists' Sundries, and Allied Products; best references. All particulars from A. F. Suter & Co., 28/30 Lime Street, London, E.C. 3.

EGYPT.—French Representative established in Egypt since 1910, having wide experience and a first-class connection among Chemists and Druggists, is prepared to represent English Manufacturing Chemists and Druggists and makers of Pharmaceutical and Toilet Specialities; high-class references to English and French Houses for which agencies in force. Reply to P.O. Box 1505, Cairo, Egypt.

PUBLIC TENDER.

IN PRIZE.

TO be Sold by PUBLIC TENDER, by Order and for Account of the MARSHAL of the ADMIRALTY, on WEDNESDAY, 30th MAY, 1917.

Ex S.S. "OGEECHEE," lying at Gloucester.

SUNDRY CHEMICALS, including Hydroquinone, Trikresol, Phenocol Hydrochloride, Piperazine, Brown Earth, Assur Colors, Levulose, Brovalol, and Epsom Salts.

To be Sold subject to Goverument restrictions as to Export. Tenders, marked "TENDER FOR CHEMICALS *ex* OGEECHEE," and addressed to D. W. GREENHOUGH & SON, 21 Mincing Lane, London, E.C. 3, must be received not later than NOON on 30th May, 1917, and same will be opeued by the Marshal or his substitute. Samples may be seeu, and Sampling and Inspecting Orders, Tender Forms, and all further particulars obtained at tho Offices of the Selling Brokers, 21 Mincing Lane, London, E.C. 3.

PREMISES TO LET.

SHOP AND PREMISES, WEST END.—Chemists' for many years; vacant at June owing to death of proprietor; good market position; rent £130 on lease; part let off; no premium, no fixtures. Apply, Elliott, Son & Boyton, 6 Vere Street, Oxford Street, W.

WATCHET.—Somerset coast; Shop fitted and rounds; house, side entrance, 10 rooms; population 2,000 (Williton, 1 mile, 1,300); nearest opposition 8 miles; large ground-floor Store; small garden at rear; rent £36 p.a. Or will sell. Apply, Hawkins, Chemist, Minehead.

DENTAL ROOM TO LET.

TO DENTISTS.—Room to Let at Pharmacist's; good opportunity for suitable man. Apply, S. S., 436 High Hoad, Streatham, S.W.

FOR SALE.

NATIONAL Cash Register (second-hand) to be Sold at once; prints receipts; latest type; cheap to early buyer. Write to F. Chapman, 150 Gillespie Road, Highbury, N. 4.

4 OZ. Phenazone Tabs., 5 gr., 2s. 11d. oz.; 7 oz. Phenazone Pulv., 3s. 3d. oz.; 16 lb. Dextrine, 11s.; 8 oz. Bismuth Subgallate, 5s.; 2 doz. Jap. Air Pillows, 9s.; 5 gross "One and All" Flower Seeds, including variety of Sweet Peas, assorted, 10s.; 5 oz. Hyd. Iodid. Rub., 5s.; 12 oz. Menthol XL, 9s.; 4 lb. Cera Flav., 7s.; 1 doz. 5 ft. length Douche Tubing, new, 6s. 6d.; 2 oz. Theobromin, 5s. oz.; 1 oz. Piperazine, 10s. oz.; 4-lb. tin Soda Caustic Com. XL, 5s.; ½ cwt. Sulphur Sub. Com., 8s.; 4 oz. Ol. Pini. Pumil., 7s.; 1 gall. Ol. Morrhuæ, 15s. B., Chemist, 97 Borough High Street, S.E. 1.

PARTNERSHIPS.

ADVERTISER, liable military service, seeks Partner (ineligible), Synthetic Chemical business, to manage during absence; familiarity with Organic Research essential; preferably University man with Works experience but not essential; £1,500; excellent profits; old-established; splendid after-war prospects; inquirers please give satisfactory reference as to having necessary available cash. Apply, 236/8, Office of this Paper.

SITUATIONS OPEN.

3s. 6d. for 50 words or less; 6d. for every 10 words or less beyond, prepaid.

The **Advertiser** may, if preferred, have **replies** addressed to this Office, and forwarded on **payment of an** additional charge of **6d.**

RETAIL.

BATH.—Wanted, reliable Assistant for good Business; salary up to £4 per week. Davies & John, 15 Old Bond Street, Bath.

BIRMINGHAM.—Qualified Assistant; elderly or ineligible; easy berth; alternate Sunday duty. Full particulars to 237/23, Office of this Paper.

BIRMINGHAM (Near).—Young lady Assistant required for progressive Chemists' business; one who has had previous experience with a Chemist preferred; state salary required and when at liberty. "Staff" (236/2), Office of this Paper.

BIRMINGHAM.—Unqualified Assistant; age about 46; must have had brisk Counter experience and have fair knowledge of Dispensing; permanency. "Ley" (236/200), Office of this Paper.

BIRMINGHAM.—Good opening for smart, unqualified man, age over 42, in the office of a well-known firm; must have had all-round experience and be well up in prices. "Hazel" (236/201), Office of this Paper.

BIRMINGHAM DISTRICT.—Assistant, lady or gentleman (if latter ineligible), for Counter and to assist with Dispensing and Stock; brisk trade; good salary; full particulars first letter. "Lex" (239/14), Office of this Paper.

BOLTON.—Qualified, for Light Retail; permanency, with good prospects; state age, salary, send photo if possible; no Sunday duty. Apply, Charles Crane, Ltd., 235/237 St. Helens Road, Bolton.

BOURNEMOUTH.—Lady Dispenser required for June the first; outdoors. Please send fullest particulars to E. J. Savage, Chemist, 5 Queen's Road, Bournemouth.

BRISTOL.—Wanted, Assistant, lady or gentleman. Apply, stating age, height, salary required (outdoors), experience, and when disengaged, to F. Moss, 206 Redland Road, Bristol.

BUXTON.—Experienced Assistant for first-class Dispensing business; outdoors. Full particulars and salary required, Pugh, Chemist, Buxton, Derbyshire.

CANTERBURY.—Temporary Assistant; unqualified; ineligible; accustomed to good-class Business. Full particulars, with photo, to E. Bing & Son, Pharmaceutical Chemists, Canterbury.

CARDIFF.—Wanted, immediately, an Assistant for good-class Light Retail business; ineligible for the Army; short hours; good salary; outdoors; give full particulars of experience, etc., in first letter. J. B. Thomas, Chemist, 38 Wellfield Road, Cardiff.

GRAVESEND HOSPITAL, KENT.—The post of Lady Dispenser to this Hospital (with emergency war beds, 100 beds) will shortly be vacant, and the Committee invite applications from suitable candidates. Full particulars can be obtained on application to the Secretary, to whom applications should be sent immediately.

CITY.—Smart Counterman wanted (ineligible); hours 8.30 to 7, Saturdays 1.30; no Sunday or Bank Holiday duty. Apply, stating experience, salary required, and when at liberty, to Cassie & Co., 49 Newgate Street, E.C.

LANCASHIRE.—Qualified, elderly, ineligible, or discharged from Army; permanency; state age and salary required; no Sunday duties. Apply, 238/8, Office of this Paper.

LONDON, CITY.—Junior Assistant required; unqualified; hours 8.30 a.m. to 7 p.m., Saturdays to 1.30 p.m.; ineligible for military service. Apply, personally, or with full particulars, to Pollock & Co., 133 Fenchurch Street, London, E.C. 3.

LONDON (Suburb).—Assistant; ineligible or female; whole or part time; outdoors; good-class Retail, Dispensing, and Photographic; state usual particulars, salary expected, and when disengaged. Apply, J. P. Kendall, 20 Park Parade, Palmers Green, N. 13.

LONDON, N.W.—An Assistant required for good-class Business; whole or part time; please state full particulars. "Beta" (238/11), Office of this Paper.

LONDON, N.W.—Messrs. W. H. Bell & Co., 96 Albany Street, Regent's Park, require a lady Assistant at once.

LONDON, S.E.—Wanted, experienced Dispensing Assistant; qualified or unqualified; lady or gentleman; outdoors; permanency. Apply, stating age, salary, and references (or personal interview any evening after 8), Rumsey & Son, 37 Dulwich Village.

LONDON, S.W.—Assistant (ineligible) required, or experienced lady; able to take charge; good-class Light Retail; short hours can be arranged if required; salary, references, etc. Apply, 236/19, Office of this Paper.

LONDON, S.W.—Assistant wanted, with good all-round experience, not eligible for the Army. Please state age, experience, references, salary required, and when disengagd (outdoors), to "P. C. A.," 189 Wandsworth Road, S.W.

LONDON, S.W.—Lady Assistant required, with some Dispensing experience and good handwriting. Apply, A. J. Phillips, 156 Cromwell Road, South Kensington, S.W.

LONDON, W.—Assistant wanted (ineligible), with good experience in Dispensing and Retail; outdoors. F. W. Warren & Co., 340 Harrow Road, W. 9.

MAIDENHEAD.—Lady Assistant wanted, with knowledge of Dispensing and Counter; outdoors. Full particulars, experience, age, salary required, etc., to R. Walton, 73 High Street, Maidenhead.

MAIDSTONE.—Assistant wanted in good-class Family and Dispensing business, chiefly for Front Counter work; lady or gentleman; outdoors. Apply, with fullest particulars and salary required, to Corfe & Son, Chemists, Maidstone.

MANCHESTER.—Young lady required for Chemist's Business; must have some experience with a Chemist; permanency. "Manchester" (236/202), Office of this Paper.

MANCHESTER.—Qualified Manager required in about four weeks; must be ineligible for the Army; easy hours and no Sunday duty. Particulars will be forwarded on application to 237/31, Office of this Paper.

MANCHESTER DISTRICT.—Qualified Manager, also Junior Assistant (lady or gentleman), outdoors, required at once for good-class Retail and Dispensing business. Apply, giving full particulars as to experience, salary required, references, etc., and enclosing photo if convenient (to be returned), to T. Woodruff, Ph.C., 43 Lapwing Lane, West Didsbury, Manchester.

READING.—Wanted, qualified Assistant for Dispensing and Light General Retail; lady or gentleman, if the latter must be ineligible; indoors. Apply, stating experience, full particulars, and salary required, to F. Tunbridge, 39 Castle Street, Reading.

RICHMOND, SURREY.—Lady Assistant wanted for Counter and Dispensing; good-class Store trade; permanency and no Sunday duties. Apply, personally or by letter, Coppen Bros., Ltd., 12½ Carey Street, Vincent Square, Westminster, S.W.

SIDMOUTH.—Assistant required for high-class Dispensing business; either sex (if male, ineligible for military service or O 3); must be reliable Dispenser; short hours. Apply, giving full particulars, to Hinton Lake & Son, High-class Chemists, Sidmouth, Devon.

SOUTH COAST HOLIDAY TOWN.—I require a lady Assistant with the Minor certificate. I am prepared to pay a really good salary and offer an easy berth with reasonable hours to the right person. Permanent position. Full particulars, please, in first letter, to "John" (236/31), Office of this Paper.

SOUTH OF ENGLAND.—Assistant required (male or female); free removal; permanency with good salary. Timothy White Co., Ltd., Chemists, Portsmouth.

SOUTH OF ENGLAND.—Manager, qualified (ineligible for military service), required to take entire charge of a Dispensing and Family-trade business; abstainer preferred. Send full particulars, salary required, and recent references, to 238/20, Office of this Paper.

STOWMARKET.—Qualified Manager; discharged, ineligible, or just over military age; hours 8.30 to 7 Mondays to Fridays, 9 Saturdays; Agricultural, Veterinary, and Family connection; please state salary required and all particulars in reply. T. Wilson, Chemist, Stowmarket.

SURREY.—Qualified, ineligible gentleman wanted as Managing Assistant in good-class Business; short hours; liberal salary to a suitable man. Apply R. C. Harrison, Ph.C., Grayshott, Hindhead, Surrey.

SWINDON.—Assistant (ineligible) required for good-class Mixed Retail Dispensing and Photographic business. Full particulars to Green & Co., Chemists, Swindon.

UNIVERSITY COLLEGE HOSPITAL, Gower Street, W.C. 1.—Assistant Dispenser required; Minor qualification. Apply to C. H. Hampshire, Pharmacist.

WESTMINSTER GENERAL DISPENSARY.—Qualified Dispenser required daily at 1.30 p.m.; salary £60 per annum. Applications and testimonials (copies) to be forwarded by the 28th inst. to the SECRETARY, 9 GERRARD STREET, W. 1. Selected candidates will be required to attend the Committee at 12 noon on Thursday, the 31st inst.

WOLVERHAMPTON.—Wanted, a Junior Assistant, lady or gentleman, used to Counter and Dispensing; please give full particulars and state salary required. Phillips, Pharmaceutical Chemist, Wolverhampton.

WORTHING.—Qualified Manager for Light Retail business, with some Photographic; South Coast; good house accommodation. Particulars to W. Aston, Pharmaceutical Chemist, 27 Montague Street, Worthing.

YORKSHIRE (West Riding).—Manager (qualified) required for progressive Cash business; must be a rejected man or above military age; liberal interest in the profits offered to a really capable man. "Urban" (236/203), Office of this Paper.

A COMFORTABLE berth can be found for elderly man with qualification; easy hours. Apply, with details, to "Atlas," c/o Quilliam & Co., Victoria Bridge, Manchester.

A JUNIOR unqualified Assistant, ineligible for the Army, for Thompson & Capper's Birkenhead Branch. Apply, in first place by letter, enclosing photograph if possible, to Manesty Buildings, College Lane, Liverpool.

ASSISTANT, gentleman if ineligible, or lady, required for good-class Retail and Dispensing business. Garner, 204 Haverstock Hill, N.W. 7.

ASSISTANT, unqualified, in a Mixed Light Retail business, with some Insurance Dispensing; outdoors; no Sunday duty. Apply, W. H. Jones, Chemist, Mountain Ash.

ASSISTANT, at once, in Light, brisk country Retail; outdoors; good salary to one suitable and well recommended; knowledge of Dentistry or Optics an advantage but not essential. Charles Ellisson, Chemist, Hednesford.

BRANCH Manager wanted at once; must be over military age or ineligible. Apply, personally or by letter, stating salary required, when disengaged, and enclosing, if possible, recent photograph, Parke's Drug Stores, 65 Harmood Street, N.W. 1.

CAPABLE, qualified Chemist required (ineligible) to superintend Private Limited Company; N.H.I. and other Dispensing; brisk Counter trade and assist generally in the conduct of an old-established business where all Galenicals are made and all Proprietaries packed. Apply, "Fifty" (237/34), Office of this Paper.

CHEMIST in the City of London requires two Assistants of good experience, one immediately and one in about five weeks' time; must be ineligible for the Army; hours very short; no Sunday duty; £3 weekly; outdoors. Address, 239/9, Office of this Paper.

DISPENSING Assistant (lady or gentleman), for N.H.I., Light Retail, etc., in healthy Midlands country town; outdoors; hours easy; no Sunday duty; comfortable berth. State salary required and full particulars to Blades, Chemist, Leek, Staffs.

GRIMBLE & KENT, Boston, require, at once, unqualified outdoor Assistant, lady or ineligible; neat, quick, and accurate Dispenser; capable of serving at Counter in busy Retail; easy hours; Sunday duty nominal. Apply, by letter, giving full details on first application.

INLAND HEALTH RESORT.—Competent and experienced Assistant for good-class Business; must be active and a good worker; salary £4 per week to suitable man. Apply, 237/28, Office of this Paper.

JUNIOR or Improver (ineligible); Light Retail and Dispensing; outdoors. Address, stating age, experience, and salary required, Kershaw & Son, Chemists, Alderley Edge, Manchester.

LADY Dispenser required; outdoors; accurate and fairly quick; one who has had some training in a good-class Pharmacy; a maiden who would be willing to assist at the Counter if necessary and who has no nonsense about her can commence at £2 5s. weekly. Also lady Bookkeeper wanted with some experience of the Drug trade; salary 25s. weekly; outdoors. Newman Howard Schollar, Tennant's Pharmacy, 29 Sussex Place, South Kensington.

LADY Dispenser and Bookkeeper (outdoors) wanted for Medical Practice in town near London. Apply, stating age, experience, salary required, etc., to 234/7, Office of this Paper.

LADY Assistant for quick Retail business, with knowledge of Dispensing preferred. Please give full particulars and salary required, enclosing photo if possible, to Chas. Thompson & Sons, Chemists, Sparkbrook, Birmingham.

LADY Dispenser required by Doctor, near Clapham Junction; Surgery hours, 11 to 1 and 7 to 9; no Sunday work; salary 30s. a week. Further particulars on application. Apply, 238/5, Office of this Paper.

LADY Dispenser wanted early as possible, chiefly for Insurance; outdoors; full qualifications. Apply, with photo, references, stating wages required, to Edgar Jones, Chemist, Brighton.

LADY wanted for Office (London, W.); typewriting; bookkeeping; willing to help putting up Stock; knowledge of Drugs preferred. Apply, in own writing, stating experience and salary required, to 33/54, Office of this Paper.

LEWIS & BURROWS have a vacancy for a lady Dispenser for the West End; must have had first-class experience. Apply, giving full particulars, to 146 Holborn Bars, E.C.

MAN, qualified or unqualified, wanted for Branch immediately. Please give full particulars to Bagshaw, Chemist, Newton Heath, Manchester.

MANAGER required (at once) (ineligible) to take full charge; knowledge of agricultural business essential. Apply, with full particulars, experience, age, references, and salary required, to Allen & Neale, King's Lynn.

MANAGER for Richmond Hill (married preferred), to reside on premises; personal interview preferred; Optical qualification an advantage but not essential. Apply Blanchford, Chemist-Optician, 76 High Street, Wimbledon, S.W. 19.

MANAGER or Assistant, qualified, required at once for Branch; permanency; easy hours; comfortable berth: with or without rooms. Apply, with full particulars, to Managing Director, Bewells, Ltd., 19/21 Pitfield Street, N.

MESSRS. TIMOTHY WHITE CO., LTD., Chemists, Portsmouth, require a capable Pharmacist (male or female); easy hours; good and progressive salary, with excellent prospects; free removal.

QUALIFIED Manager; owner to join up; state full particulars. "Solo" (232/20), Office of this Paper.

QUALIFIED Manager (single), age about 45, required for Relief work; permanent and lucrative post. "Relief" (236/204), Office of this Paper.

QUALIFIED Assistant for West End establishment; ineligible for service. Apply, with full particulars, to W. G. Jameson, c/o Curtis & Co., 48 Baker Street, W. 1.

QUALIFIED Assistant wanted; ineligible or over military age; outdoors. Russell Jacks, Pharmaceutical Chemist, 161 Gower Street, London, W.C. 1.

QUALIFIED Dispenser, lady or gentleman. Apply to the Manager, Cooper, Son & Co., Ltd., 24 Sloane Street, S.W. 1.

QUALIFIED Assistant as Branch Manager; accustomed to good-class Retail, Dispensing, and Photographic. Full details of experience, age, and salary required to D. T. Evans, Farmingham Lodge, Margate.

RELIABLE Assistant (exempt from military service), or lady; good Dispensing experience essential. Please state age, experience, references, salary required, and when disengaged, in first letter, or apply personally, to Bishop & Vincent, 460 Holloway Road, London, N. 7.

REQUIRED, lady Counter Assistant with experience in the selling of Perfumery and Druggists' Sundries in ordinary demand; smart appearance; hours of work approximately 8.45 to 6, 1 o'clock Saturdays; no Sunday duty. Apply, stating full particulars of past experience and salary required, to L. J., Army and Navy Stores, Ltd., 105 Victoria Street, S.W. 1.

SALESMAN and Dispenser wanted (unqualified); must be ineligible or over military age. Apply, personally or by letter, stating salary required, when disengaged, and enclosing, if possible, recent photograph, Parke's Drug Stores, 65 Harmood Street, N.W. 1.

SUPERINTENDENT.—Wanted, Minor man; light duties; easy hours by arrangement, or half time; high-class Family and Dispensing business half-an-hour from London; well established as private company; age not over 60; share qualification provided; no Sunday or half-day closing duty. Write, "Neva" (235/220), Office of this Paper.

T. JONES & CO., 5 Putney Hill, require an Assistant for good-class Retail and Dispensing business; application by a qualified lady with Business experience would be entertained. Application, if by letter, to be addressed 79 Erpingham Road, Putney.

THOROUGHLY competent Assistant. Please apply, with full particulars, stating age, salary, etc. (one with West-End experience preferred), to The Manager, 1 Baron's Court Road, West Kensington.

UNQUALIFIED Assistant, over military age, required; outdoors; no Sunday or late duty. Apply, giving full particulars, to Lewis & Burrows, Ltd., 146 Holborn Bars, E.C.

UNQUALIFIED Locum, over military age, for Dispensing and Counter, knowledge of Photography preferred, for 6 or 8 weeks. Apply, giving usual particulars and salary required, Bromhall, Chemist, Thetford, Norfolk.

WANTED, Assistant; male (ineligible) or lady; Hall. Davies, Chemist-Optician, Leigh.

WANTED, Chemist, to manage Light Business on Tyneside; owner called up; liberal terms; suit over-age man or one medically unfit. Apply Fleming, Chemist, Hebburn.

WANTED, qualified Assistant, principally for Dispensing; exempt or over age; good salary. Apply Heppell's, 78 Strand, W.C.

WANTED, Junior, to assist in Dispensing and good-class Retail; in- or outdoors; time for study can be arranged. Lyon, 18 Formosa Street, Warwick Avenue, W.

WANTED, Assistant Dispenser for Hospital work; over age or rejected for military service. Full particulars of experience, age, and wages required, to 32/41, Office of this Paper.

65/- WEEKLY.—At once, thoroughly competent, unregistered Managing Assistant; must be entirely free from military service, for Light Retail without N.H.I.; knowledge of Photographic apparatus, etc., not essential but advantageous; salary as above; in first letter please give full particulars, also state when free and earliest date you can come for interview at my expense. Stead, Duke Street, Brighton.

WANTED, an Assistant (gentleman); outdoors; whole or part time. W. F. Pasmore, 320 Regent Street, W. 1.

WHOLESALE.

DERBY.—Drug Traveller wanted for Derby and neighbourhood. Apply, 29/6, Office of this Paper.

DURHAM.—Assistant, with Retail experience and knowledge of Wholesale trade and Manufacture of Green Spectacles; ineligible; permanency. State salary required and full particulars to Holiday & Co., Wholesale Druggists, City Mills, Durham.

ALLEN & HANBURYS, LTD., Bethnal Green, E., require an intelligent young man for their Order Department; must be able to read readily varied drug orders, and be a quick and accurate worker. Application, in own handwriting, stating age, experience, and salary required, to "F. L. D.," c/o the above.

AN intelligent youth, ineligible for the Army, with some knowledge of Drugs, to help in Manufacturing and Tablet-making Departments. Apply, Thompson & Capper, Ltd., Manesty Buildings, College Lane, Liverpool.

ASSISTANT wanted for Counter; outdoors; short hours; light work. Apply, stating age, full particulars of experience, salary required, and reference, to Messrs. W. Edes Everett, Ltd., 34 St. Botolph Street, Colchester.

ASSISTANT required at once for Wholesale Manufacturing Druggists' Laboratory; ineligible for Army. Apply, giving full particulars, Davies, Sons & Co., Manufacturing Chemists, Derby.

ASSISTANT Foreman wanted for Despatching Department; must be ineligible for Army and have practical experience in packing of Chemicals, Sundries, Glassware, etc., both for home and export; permanent and progressive situation. Write, stating age, previous experience, and salary required, to 239/25, Office of this Paper.

BOTTLE-WASHER, 22s. weekly; an experienced woman in Drug and Chemical bottle-washing wanted by a City Wholesale House. Apply, stating full particulars, to 237/17, Office of this Paper.

COMPETENT men wanted for Wet-room and Dry-room Counters; previous experience and satisfactory references essential; ineligible for military service. Apply, stating age, experience, and wages required, R. A. Cripps & Son, Manufacturing Pharmacists. Hove.

COST Clerk (experienced) required in Drug Costing Department; must be ineligible for military service. State age, experience, salary required, to "C. P. W.," c/o Burgoyne, Burbidges & Co., Ltd., East Ham, E. 6.

COUNTERMAN wanted by old-established London firm for Wet Drug Department; one with knowledge of Manufacturing preferred; ineligible. Apply, 239/7, Office of this Paper.

EXPORT Clerk, ineligible for Army, for provincial Drug House; used to Invoicing, Insurance, and Shipping. Apply, stating experience, age, and salary required, to "Export" (31/19), Office of this Paper.

LABORATORY Chemist and Analyst for the North of England; "Minor" qualification acceptable; must be ineligible for the Army, or may be N.S. Volunteer. Apply, with full particulars and salary required, to 30/11, Office of this Paper.

LADY required as Assistant in a rapidly growing Department of a large firm of Wholesale Manufacturing Chemists, who are now manufacturing Drugs formerly obtained from Germany; knowledge of Drugs essential; Hall qualification preferred; students for the Hall will be considered. Apply, with full particulars of age, experience, and salary expected, to "Notts" (Box No. 292), Smiths' Advertising Agency, 100 Fleet Street, E.C. 4.

LADY Chemist (qualified) for Laboratory, Perfumery, and Toilet Preparations; responsible and accurate worker would be given good salary and secure permanent position. Apply, in first instance by letter, to "Anglo-Parisian" (22/65), Office of this Paper.

LEADING London House requires experienced Export Despatch Clerk; ineligible. Apply, giving full particulars, 24/62, Office of this Paper.

MAN as Goods Receiver and Basement Foreman required in old-established City Drug Warehouse; permanency and good wages to capable man with practical knowledge of such work. Apply, stating age and salary expected, and giving particulars of past experience, to 237/16, Office of this Paper.

TRAVELLERS, with good connections amongst Chemists, required to take up a well-advertised Proprietary; 10 per cent. commission; inquiries for the Proprietary are being received from all parts of the country. "Ocol" (236/205), Office of this Paper.

TRAVELLERS wanted, calling upon Chemists and Drug Stores London and country, open to take up extra commission (3 good lines); excellent profits to retailer; only men with sound connections need apply; liberal commission to right men. Apply, 239/16, Office of this Paper.

TINCTURE-MAKER wanted by a Wholesale firm; must be acquainted with Press; permanency; state experience and wages. Apply, 237/6, Office of this Paper.

WANTED, Assistants for Wet and Dry Counters, also Patent Medicine Departments; must be ineligible for Army. Apply, giving particulars, to Taylor's Drug Company, Ltd., P.O. Box 141, Leeds.

WANTED, despatch Manager, Surgeons' trade; duration of war. Apply, Wharram, Ltd., Vicar Lane, Leeds.

WAREHOUSEMAN wanted by firm of Wholesale Chemists and Drysalters to assemble and check Goods for packing. Apply, with full particulars as to experience, salary, etc., to Grimwade & Ridley, Ipswich.

SITUATIONS OPEN.

(Colonial, Indian and Foreign.)

3s. 6d. for **50** words or less; **6d.** for every **10** words or less beyond, prepaid. The **Advertiser** may, if preferred, have replies addressed to this Office, and forwarded on payment of an additional charge of **6d.**

CHINA.—One or two thoroughly competent Assistants (ineligible for military service); age 21-30; must have had good experience in high-class Retail business; liberal terms; two years' agreement; passage paid out and home. Address, "China" (235/3), Office of this Paper.

SITUATIONS WANTED.

1s. for 12 words or less; 6d. for every 10 words or less beyond, prepaid.

[HOME.] RETAIL.

A DOCTOR'S son, 33 (ineligible), experienced, highest credentials, desires post (London), with view to Purchase or Partnership; substantial capital. Apply, 238/27, Office of this Paper.

ASSISTANT; 31; unqualified; rejected; married; present situation 2½ years; previous 12 years; good experience; please state salary. "Spes" (235/1), Office of this Paper.

BIRMINGHAM.—Lady requires post; short experience of Retail and Dispensing. Apply, 238/3, Office of this Paper.

COMPETENT, reliable, qualified Locum, or permanency. Jones, 49 Hertford Street, Mayfair, W. 1.

C3 MAN, exempt till December, wants sit.; £2 10s. per week; well up in Drugs, Sundries, Hospital Furniture, etc.; good, all-round handyman; work of national importance preferred. "H. W." (239/24), Office of this Paper.

DISENGAGED; Locum or permanency; good references; moderate terms. "Chemist," 14 Sutherland Place, Bayswater, W. 2.

DISENGAGED; as Branch Manager or Institution Dispenser; qualified; ineligible; London preferred; thoroughly experienced. Apply, 239/29, Office of this Paper.

DISPENSER; Doctor, Institution, Chemist; single; 60; short hours. Mr. Naylor, Ph.C., Westcliff.

DISPENSER requires part-time appointment; London. "Lamorna" (237/4), Office of this Paper.

DISPENSER.—Lady (Hall), no previous experience, desires post with Chemist, Doctor, or Hospital; near London preferred. Layman, 4 Dulwich Wood Park, Norwood.

DISPENSER-BOOKKEEPER; Hall certificate; accustomed to Surgery; Locum preferred (or otherwise): disengaged. Apply, Saul (Miss), 108 Houghton Road, Grantham.

EVENING work required, after 6.30; experienced; S.W. district preferred. W. Smith, 16 Alderney Street, S.W. 1.

LADY Dispenser (Hall) desires post; Hospital preferred; please state salary and particulars. Apply, "Culgaith," Broad Walk, Winchmore Hill, N.

LADY Dispenser and Bookkeeper; Hall certificate; experienced and references. Apply, 236/20, Office of this Paper.

LADY Dispenser, Chemists' experience, seeks post North London, Barnet or district. "Holmwood," Park Road, New Barnet.

LADY Dispenser (unqualified) would like post in Chemist shop. Apply, Miss Fleury, c/o Mrs. Humphrey, 21 Maidstone Road, New Southgate, London, N.

LADY Dispenser (Hall); age 20; Doctor or as Assistant in Institution; London or near; some experience. "Dispenser," The Farringdon Dispensary, Holborn Circus.

LADY Dispenser, experienced, Hall qualifications, requires immediate engagement with Doctor or Chemist, former preferred. Write, Stewart, Markfield, Leicester.

LADY Dispenser (Hall) desires post with Doctor or Chemist; over two years' experience. J. M. B., Harroway Farm, Penton, near Andover, Hants.

LADY Dispenser (Hall) desires post for few hours daily; experienced; Bayswater. Apply, 237/8, Office of this Paper.

LADY Dispenser (Hall) desires post; Doctor, Institution, or Hospital; nursing experience. "D." (236/18), Office of this Paper.

LADY, young, seeks engagement West-End Store; Counter experience; good Saleswoman and Stockkeeper; no Dispensing. N. S., 10 Sondes Street, Camberwell Gate.

LOCUM; Manchester or Bolton district; Pharmacist. 28, exempt, desires fortnight end of June; salary £5 weekly, plus half-fare. Apply, 235/6, Office of this Paper.

LOCUM; disengaged 23rd; highest references; Devon, Cornwall, or South-West Counties preferred. "Pharmacist," 15 Bridge Street, Leighton Buzzard.

LOCUM; 20 years' experience; reliable; abstainer; disengaged; booking forward. "Chemist," 1 New Street, Leamington.

LOCUM, unqualified, highest references, 25 years' experience, now booking engagements; £2 10s. weekly (indoors). W., 323 Coventry Road, Birmingham.

LOCUM or Permanency; best Dispensing and Counter experience. "Abinger," Bournevale Road, Streatham.

MANAGER or Locum; middle-aged; active; varied experience; town or country. "M.P.S." (236/30), Office of this Paper.

ONE day a week or evening only. C., 241 Seven Sisters' Road, N.

PART TIME, not afternoons, or Locum; good reference; experienced. Apply, 235/5, Office of this Paper.

PART TIME; rejected; not evenings; West London: state hours, salary. "Nyal," 2 Station Parade, Ealing Common, W. 5.

PART TIME.—Lady Dispenser (Hall certificate), 12 months' experience with Chemist, desires post within easy access of Merton. Write, stating particulars, to Miss Kerridge, "Haslemere," Cavendish Road, Merton, S.W. 19.

PHARMACIST, elderly, active, a business-builder, is open to engagement; London district; up-to-date Dispenser and Counterman; interview invited. 119 Mount View Road, N. 4.

QUALIFIED Locum, abstainer, over military age, has three free weeks in June. Apply, 236/29, Office of this Paper.

QUALIFIED Manager; permanency, Locum; good Counterman; references; disengaged. "Pharmacist," 21 Greengate Street, Tunstall.

QUALIFIED requires post as Manager; active; experienced Chemist, Salesman, Dispenser, Prescriber; ineligible. Apply, 237/22, Office of this Paper.

YOUNG lady, studied for Apothecaries' Hall, age 29, seeks situation as Dispenser; would help in shop. Apply, 236/27, Office of this Paper.

45/- WEEKLY; unqualified; ineligible; experienced Dispenser and Stockkeeper; fair Counterman; disengaged shortly; Birmingham district. 483 Green Lane, Small Heath, Birmingham.

WHOLESALE.

GENTLEMAN (43) desires post with Wholesale Surgical Instrument Manufacturers or Proprietary House; travel if required; highest references. Apply, 239/26, Office of this Paper.

TRAVELLER, ineligible, good connection amongst Chemists, Drug Stores, is open to represent a First-class House in Sundries or Proprietaries; best references. "N. E." (234/39), Office of this Paper.

TRAVELLER, covering West and North-West England for well-known House, seeks additional lines. R., c/o Forrestier, 24 Artesian Road, London, W. 2.

MISCELLANEOUS.

SHOWCASES.—Large quantity of All-Glass Counters (second-hand), Silent Salesman, and upright Cases with glass shelves; most useful and paying adjuncts to any Pharmacy; make splendid show; moderate prices; all other Pharmacy Fittings ready for immediate use. PHILIP JOSEPHS & SONS, LTD., 93 Old Street, London, E.C. 1.

SECOND-HAND Chemists' Fittings.—We have an exceptionally fine selection of these in all sizes; prices are right, and goods are in first-class condition; we shall be pleased to supply particulars and prices. Call or write, RUDDUCK & CO., 262 Old Street, London, E.C.

OFFER wanted for 36 lb. Acetic Ether, 21 lb. Oil of Almonds (artificial), 7 lb. Oil of Citron Essential, 1 lb. Potassium Iodide. E. Wild, Miller Street, Heywood.

HIGH PRICES FOR CAMERAS

Original Cost Price for Vest Pocket Kodaks, R.R. Lens, and Watch Pocket Cameras. Try us for Single Models, Dealers' Stocks, Ensignettes, &c. We reply promptly and courteously, and goods are returned at once. CARRIAGE PAID, if no business is done.

WATSONS, 84 High St., Sheffield.

Developing. Printing. Enlarging

Developing Spools, 6 Ex., **6d.**; 12 Ex., **1/-**; V.P.K., **6d.**
Prints and Postcards up to and including 5×4, **1d.** ea.
ENLARGEMENTS. LIST FREE.
Prompt dispatch. Trade discount, **25 per cent.**
Postage extra.

MARTIN, Chemist, SOUTHAMPTON.

WEST-END PHARMACY SUPPLY,
(R. Rios & Co.) 231 REGENT ST., LONDON, W. 1.
Sole Agents for United Kingdom for
BLENOSAN CAPSULES (Kava-Kava and Santal Compound).
CACHETS "WEPS" All sizes, 2/6 per 1000, plain or embossed. Write for Samples.
Clinical Thermometers. Medicinal Capsules. Fine Chemicals.

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"ALBATUM OR WHITE ROUGE"
GIVES A UNIQUE POLISH TO ALL SILVER AND ELECTROPLATED GOODS.
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FINEST QUALITY
MILK POWDER. CASEIN.
Inquiries and Orders Solicited.
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LONDON OFFICE:
10 HOP EXCHANGE, Southwark Street, S.E.

MEAD'S RUBBER ADHESIVE PLASTER.

MEAD'S PLASTER, the original rubber adhesive plaster, is made at the SEABURY PHARMACAL LABORATORIES. Throughout the world it is preferred by Surgeons, Hospitals and Governments.

¶ Under all climatic conditions it retains its remarkable adhesive qualities longer than other plasters. ¶ The adhesive is non-irritating. The material on which the plaster is spread is more pliable, and stronger, than in other plasters, the pliability enabling it to conform more perfectly to the surface to which it is applied, and the strength of the material enabling it to withstand, without stretching, the strain of dressing fractures, &c. ¶ Mead's Plaster is issued by the Seabury Pharmacal Laboratories in various widths, from ¼ in. to 4 ins., on spools of 10 yards or 5 yards, a portable and convenient form for surgeons, or for first aid cases; and in rolls for hospital and surgery use.

MEAD'S PLASTER requires neither heat nor moisture, the ordinary temperature of the body ensuring firm adhesion.

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Great Britain & Colonies: FASSETT & JOHNSON, Ltd.,
86, Clerkenwell Road, LONDON, E.C.

Telephone: HOLBORN 6383 (3 lines). *Telegrams: "PLASTERS, SMITH, LONDON."*

17—4A.

WAR WANTS EXCHANGE.

For the interchange of scarce pharmaceutical products. Minimum charge (prepaid) which includes registration fee: 1/- for six words or less; 2d. per word beyond.

WANTED.

Principals having any of the following articles to dispose of are requested to notify the fact by postcard or otherwise stating quantity and price to

THE WAR WANTS EXCHANGE,

"The Chemist and Druggist," 42 Cannon Street, London, E.C.

Atophan, in any quantity (237/3) Lactic acid (239/31)

FOR DISPOSAL.

Bona-fide buyers of the following articles are requested to communicate their exact requirements promptly to us, and we shall place them in touch with sellers:—

Glidine (235/9)
Guycose (235/9)
Hygiama (235/9)
Pot. Permang. (235/9)
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EXCHANGE COLUMN

One halfpenny per word with name and address. One penny per word if we register the address and attach a number. No advertisement inserted for less than 6d.

FOR DISPOSAL.

DRUGS AND CHEMICALS.

WHAT offers? 1 oz. Otto Rosæ Virgin. Apply, 236/26, Office of this Paper.

OFFER. Tablets Phenacetine 3 × 100 4 doz., 25s.; Phenacetine Compd. 1 × 100 2 doz., 25s. Gunn, Chemist, Duns.

2 LB. Bismuth Carb, 13s. lb.; 8 lb. Ext. Belladon. Liq., 15s. lb.; 16 lb. Potass. Permang., 11s. 6d. lb.; 1 lb. Salicine, 32s.; 1 lb. Ol. Santal. Flav., 48s.; 4 oz. Butyl-Chloral. Hydras., 6s. oz.; 3 lb. Hydrokinone, 14s. 6d. lb.; 1 lb. Sulphonal, 48s.; 14 lb. Potass. Brom., 6s. lb.; 1 lb. Salol, 10s.; 2 lb. Ferri Quinæ Cit., 16s. lb.; 2 drams Atrop. Sulph., 18s. 6d. dram; offers for 1 oz. each Mesotan, Chinosol, Pyramidon, Hexalet. Apply, 236/5, Office of this Paper.

SHOP FITTINGS.

2 SPECIC Jars, 2 Show Carboys on stands; good condition. Offers to L. Merrick, Chemist, 8 Union Road, Heckmondwike.

MISCELLANEOUS.

GENUINE White Lead; two 1-cwt. kegs; first £5 10s. gets lot. Apply, 236/36, Office of this Paper.

13 GROSS 2 oz. Medical Flats; what offers? Sample for four stamps. Finlayson, Pharmacist, Stockton-on-Tees.

WANTED.

2 2s. 6d. BOTTLES Sozodont. Sharman, Northwood.

BIRCH Tar Oil wanted; state price. Lind, 489a, Oxford Street, London.

BLOCK liquorice wanted; not in sticks. Apply, 233/24, Office of this Paper.

WANTED, vest-pocket Camera in good condition. Hall, 11 Clarence Square, Brighton.

WANTED, Dispensing Scales, Harris's Dentistry; B.P.C. 1911. H., 18 Percy Stret, Hull.

IODOGLIDINE Tablets, in any quantity. Reeve & Co., Chemists, New Street, Birmingham.

WANTED for cash, Photographic Plates, Cameras, sundries. Wilsons, Chemists, Wigan.

NATIONAL Cash Register wanted, with autographic slip, up to £2. Whysall & Son, Grantham.

TABLET Machines wanted at once; any make; new or second-hand. State full particulars to 239/10, Office of this Paper.

DENTAL Chair, Allen table and bracket, forceps, spittoon, etc.; cheap, for branch practice. Apply, 234/16, Office of this Paper.

OPTICAL books, Minor, Major, Chemists' books; send prepaid for valuation; cash offers per return. Gower, Bookseller, 41 Voltaire Road, Clapham, S.W.

WANTED, "Chemist and Druggist" for February 25th, March 11th, and April 29th, 1911; August 31st, 1912. Send P.C. to "S. B." (15/15), Office of this Paper.

PLATE-GLASS Shelves (2) about 3 feet each, to use as one shelf, standard bars about 33 inches high and side brackets; cheap, and carriage paid. "Display," 191 Victoria Dock Road, London, E 16.

WE CAN DELIVER PROMPTLY

PASTILLES—All Varieties.

Bright Coated or Crystallized ... 1/8 per lb.
Packed in free 4-lb. tins or boxes.

ALSO IN

1-oz. tins at 2/6 doz.: 2-oz. tins, 4/- doz.; 4-oz. tins, 7/6 doz.

CAPSULES.

	Per 1000.	Boxes of 24.
Santal Oil, 10 m. ...	75/- ...	24/6 doz.
,, ,, 10 drops ...	60/- ...	20/- doz.
		Boxes of 36.
Copaiba Balsam 10 m.	11/6 ...	6/6 doz.

SACCHARINE TABLETS

½ gr. 330 in. 1.

Per lb.	96/-	Cash with Order.
100's	18/- doz.	
200's	35/6 doz.	
500's	88/- doz.	

JULES DENOUAL & CO.

Carlton Works, ASYLUM ROAD, S.E. 15.

DISPENSING BOTTLES & PHIALS.

CLEAR BLUE TINTED, plain or graduated.
3 and 4 ounce. 6 and 8 ounce. 12 ounce.
WHITE PHIALS, plain or teaspoons.
½ ounce. 1½ ounce. 1 " 2 "
Lowest Market Prices Charged.

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Fitted with SUPER-NICKELLED BAYONET SCREW CAP.

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Fitted with NICKELLED SPRING-LID
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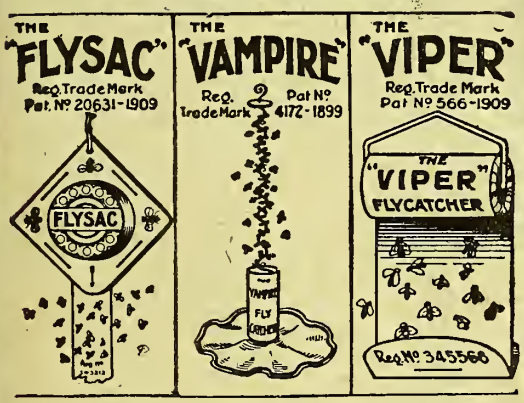

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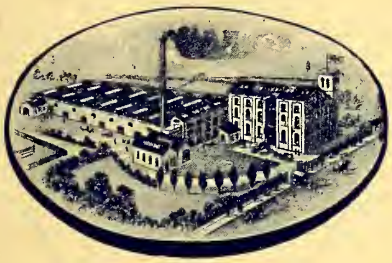

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There are five lines to select from.

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